

FIG.2

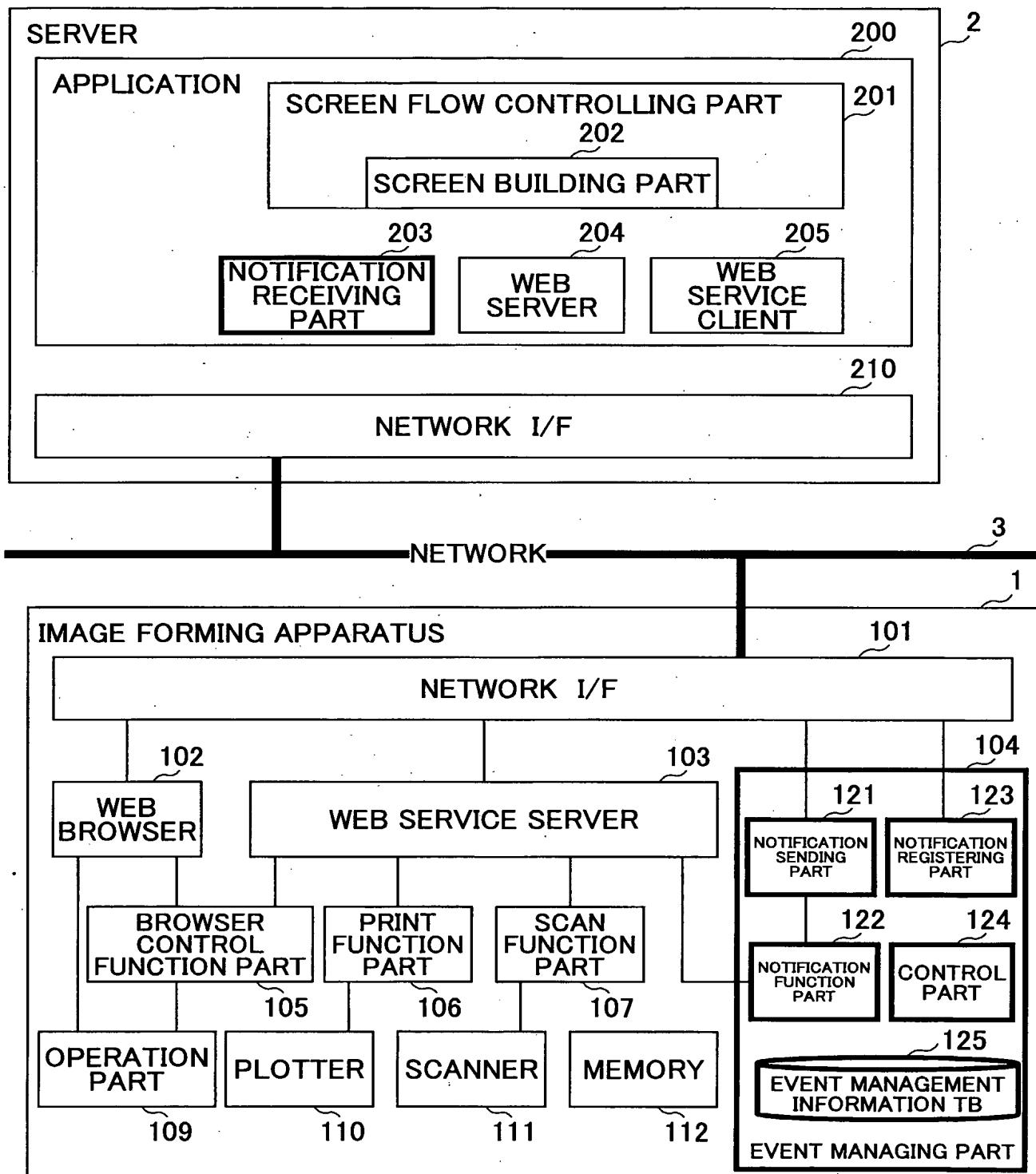
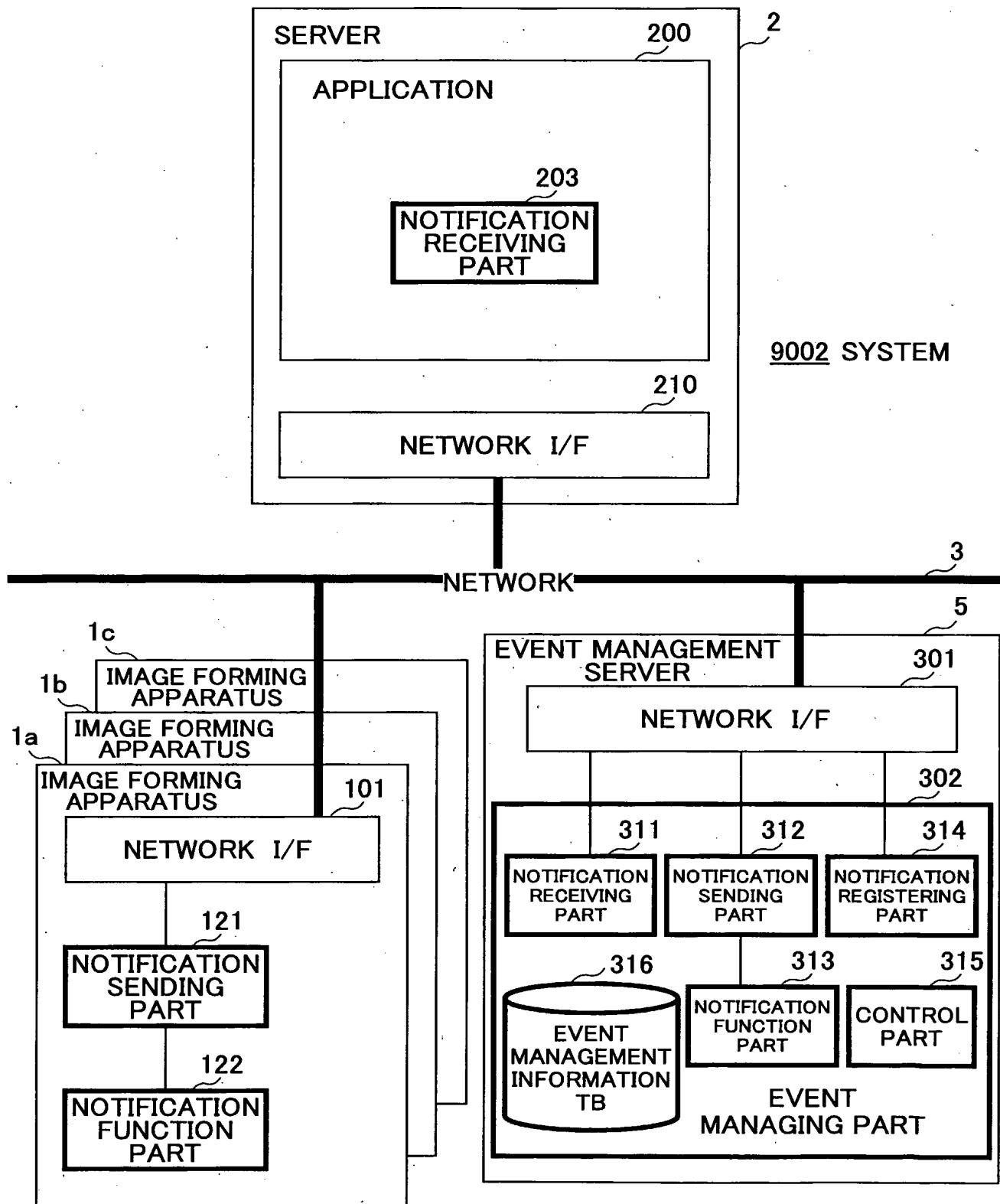


FIG.3



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FIG.4

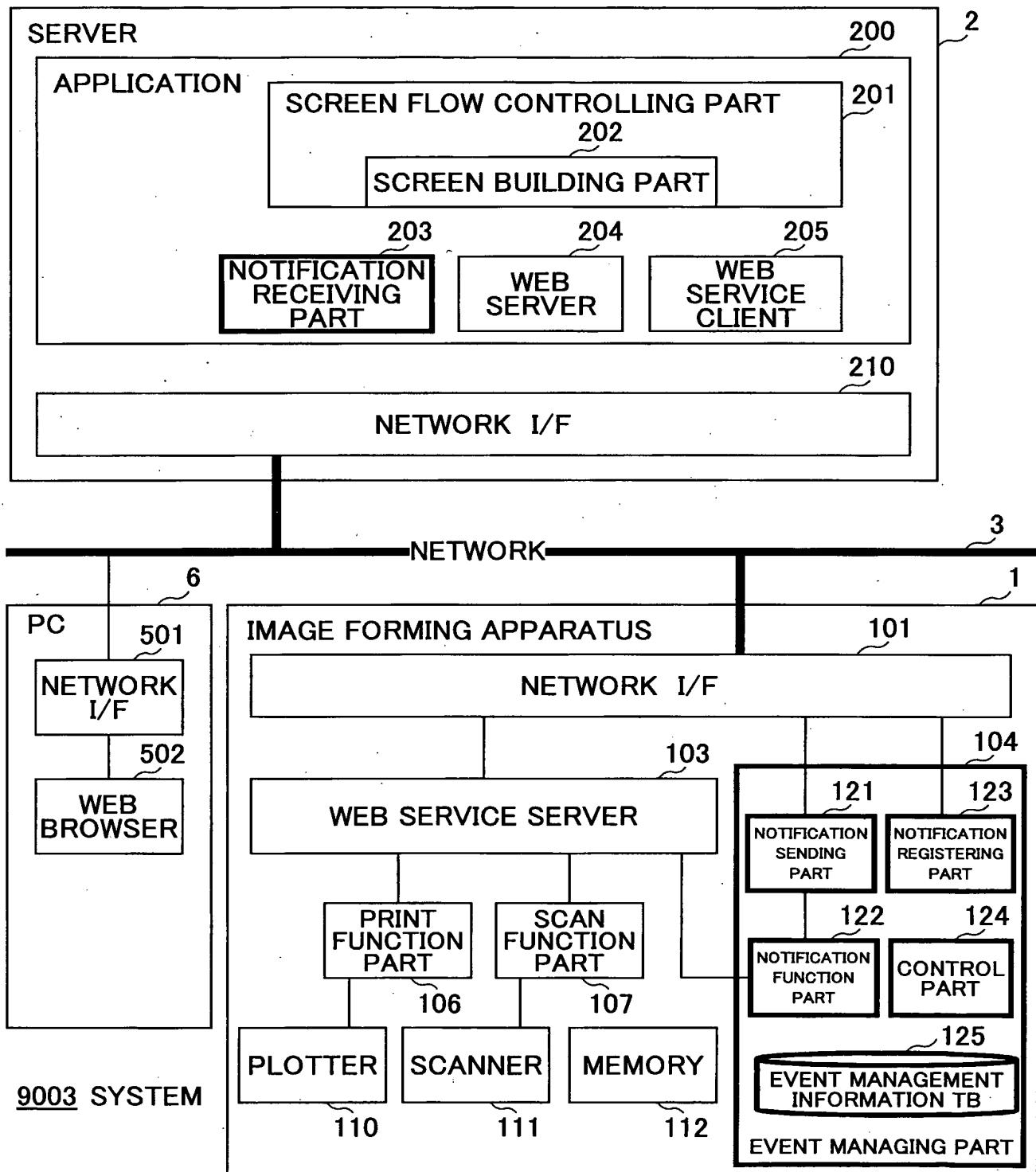


FIG.5

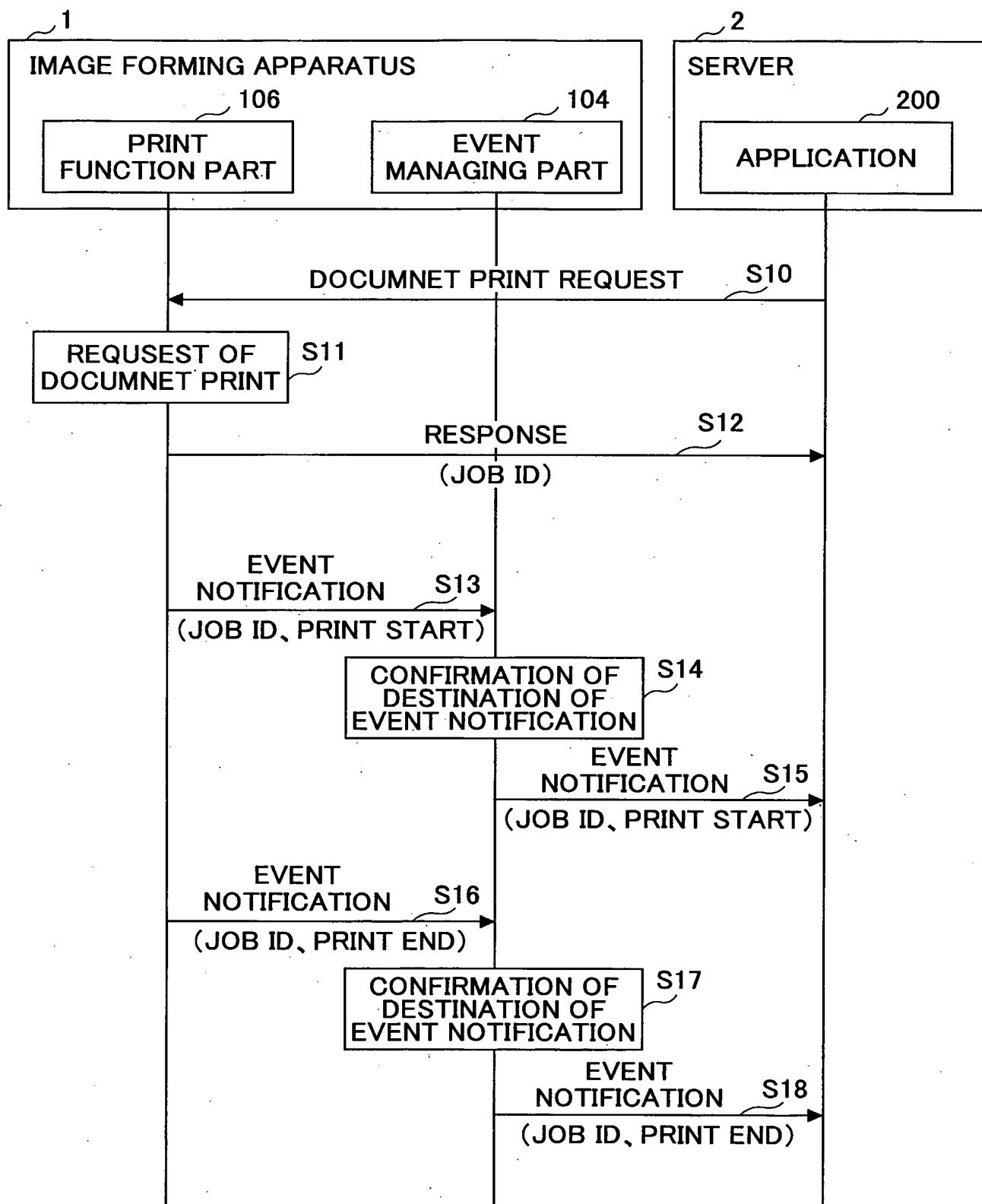


FIG.6

WEB SERVICE	STATE	DESTINATION OF EVENT NOTIFICATION	EVENT NOTIFICATION CONTENTS	EVENT REGISTRATION NUMBER
PRINT SERVICE	PRINT START	<a href="http://111.2.33.44/event/print">http://111.2.33.44/event/print</a>	JOB ID JOB STATE	0001
	PRINT END	<a href="http://111.2.33.44/event/print">http://111.2.33.44/event/print</a>	JOB ID JOB STATE JOB RESULT	0002
	ERROR STOP	<a href="http://111.2.33.44/event/print">http://111.2.33.44/event/print</a>	JOB ID JOB STATE ERROR REASON	0010
DEVICE MANAGEMENT SERVICE	TRAY SETTING CHANGE	<a href="http://111.2.33.44/event/device">http://111.2.33.44/event/device</a>	TRAY SETTING INFORMATION	0001
	.....	.....	.....	.....

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FIG.7

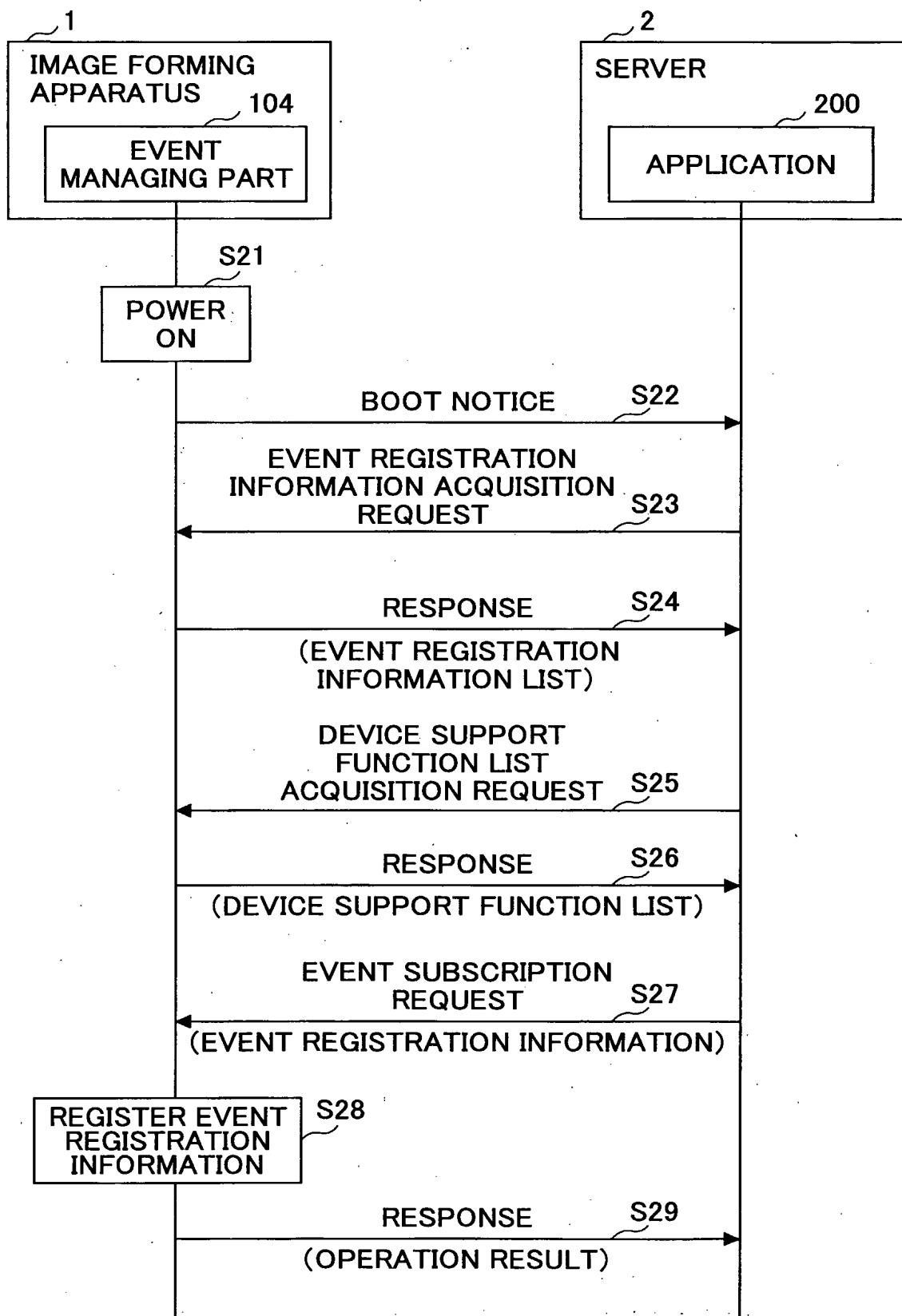


FIG.8

WEB SERVICE	STATE FOR EVENT NOTICE	EVENT NOTIFICATION DESTINATION	EVENT REGISTRATION NUMBER
	PRINT START	<a href="http://111.2.33.44/event/print">http://111.2.33.44/event/print</a>	0001
	PRINT END	<a href="http://111.2.33.44/event/print">http://111.2.33.44/event/print</a>	0002
	PRINT SERVICE	<a href="http://111.2.33.44/event/print_error">http://111.2.33.44/event/print_error</a>	0010
DEVICE MANAGEMENT SERVICE	TRAY SETTING CHANGE	<a href="http://111.2.33.44/event/device">http://111.2.33.44/event/device</a>	0021
.....	.....	.....	.....

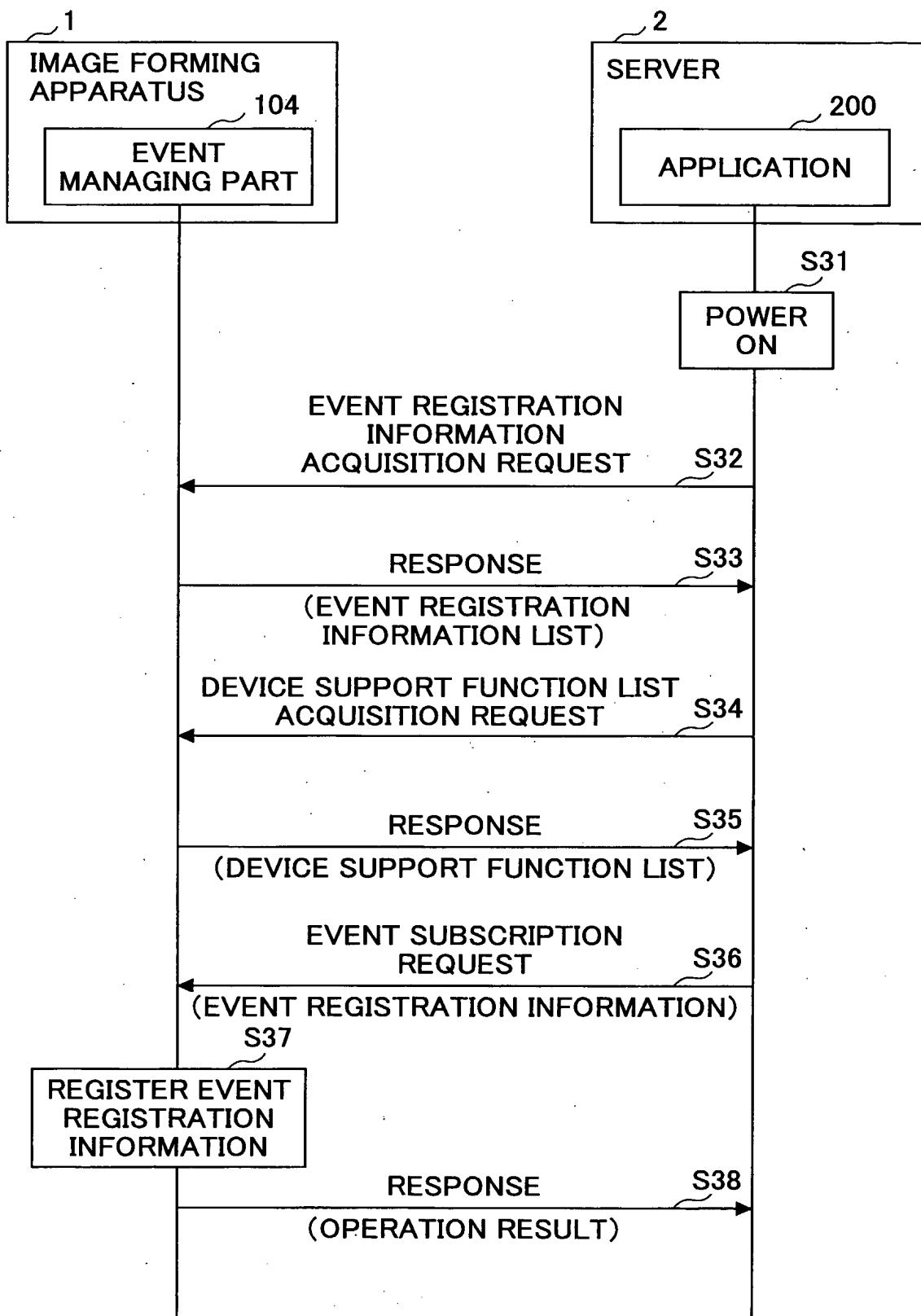
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## FIG.9

WEB SERVICE	STATE
PRINT SERVICE	PRINT START
	PRINT END
	ERROR STOP (PAPER JAM)
	ERROR STOP (PAPER SHORTAGE)
DEVICE MANAGEMENT SERVICE	CHANGE OF TRAY SETTINGS
	CHANGE OF REMAINING SHEET AMOUNT
	CHANGE OF RESIDUAL TONER AMOUNT
-----	-----

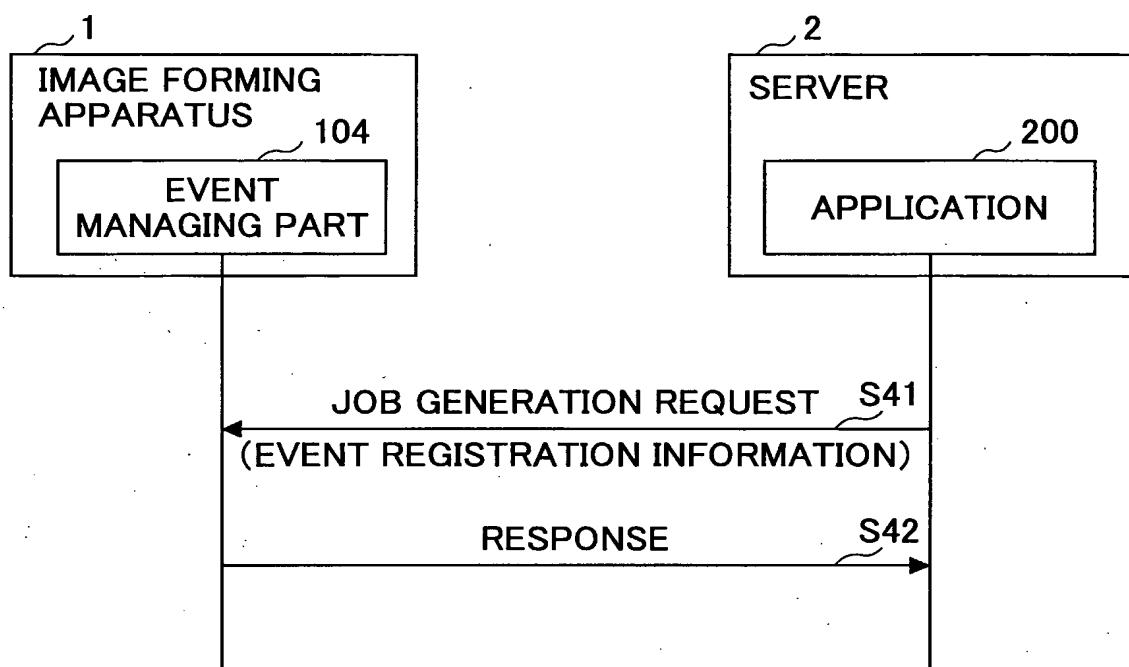
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FIG.10



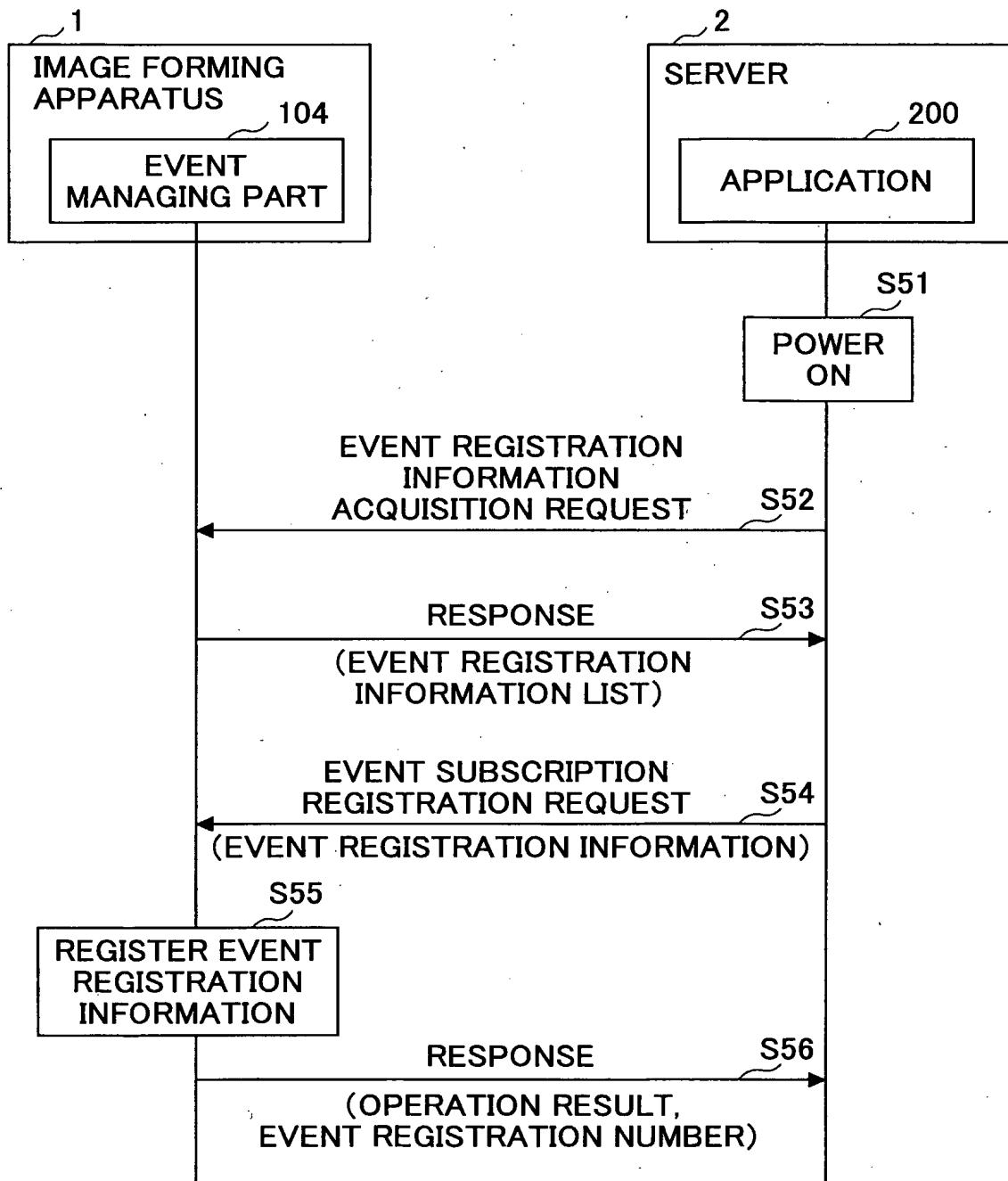
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## FIG.11



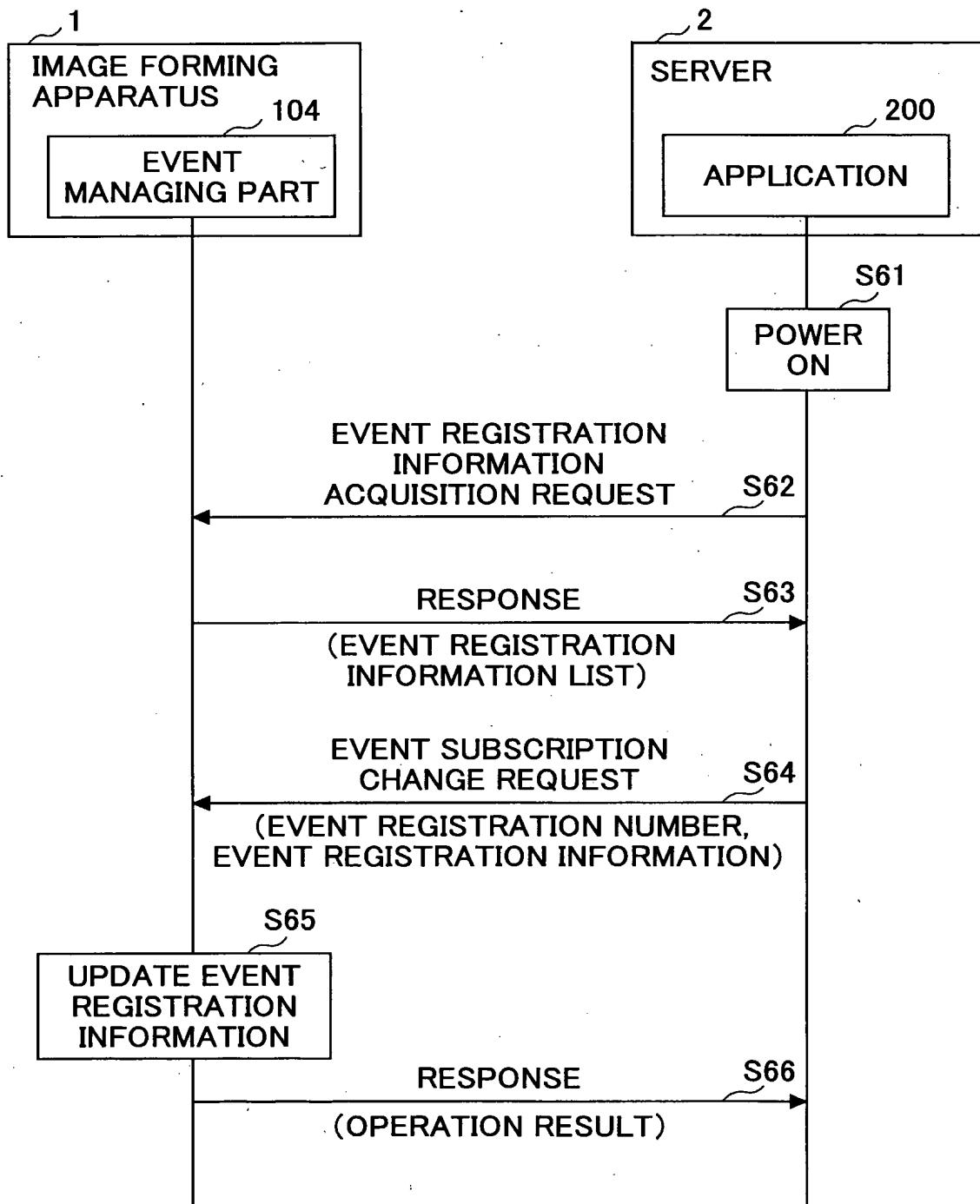
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FIG.12



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FIG.13



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FIG.14

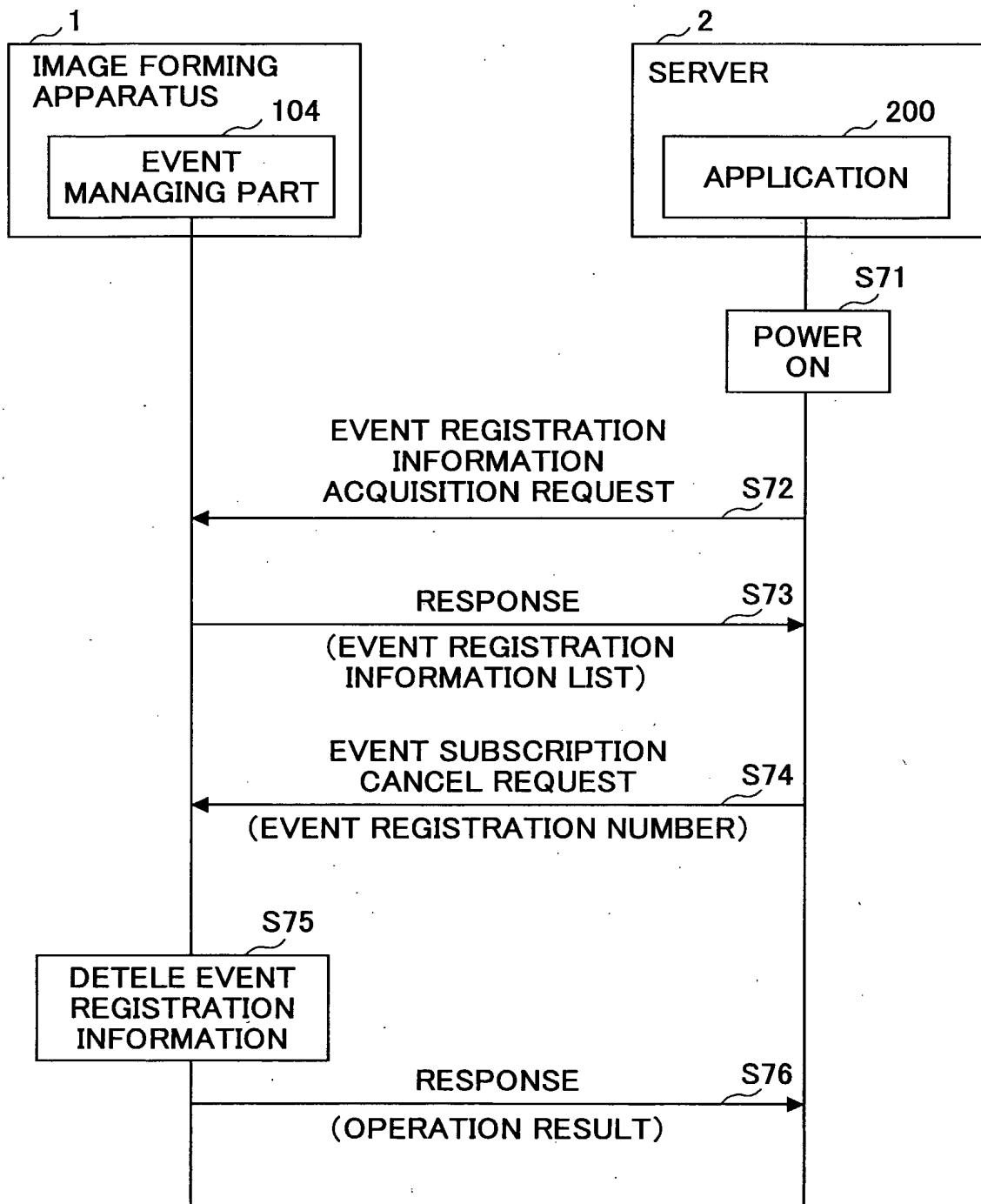


FIG.15

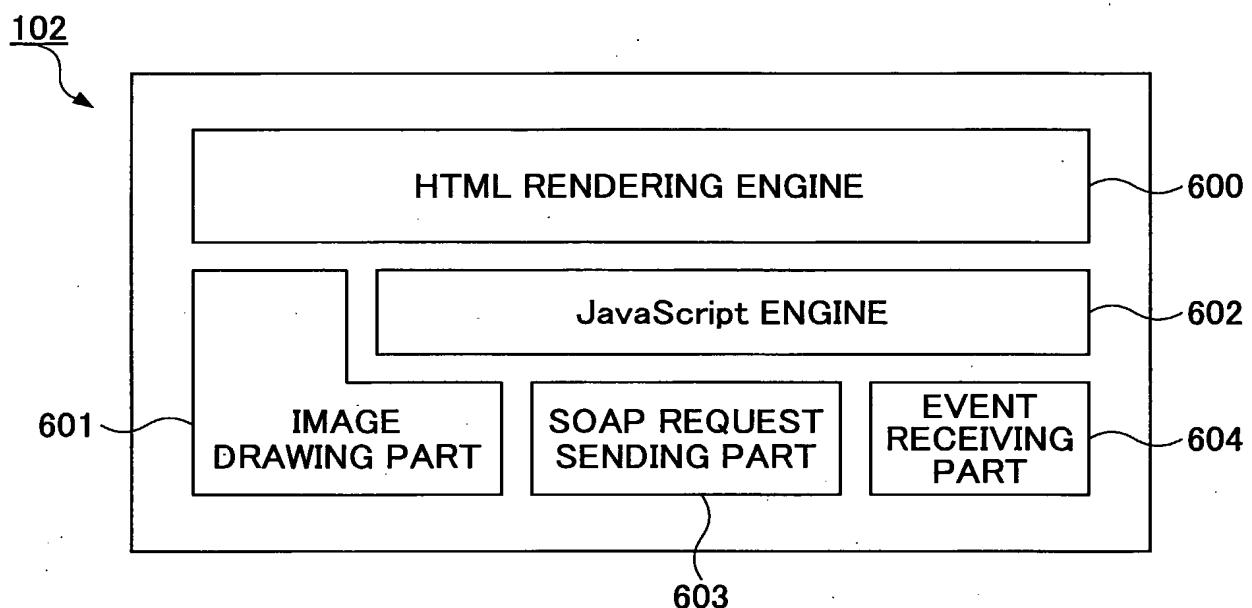


FIG.16

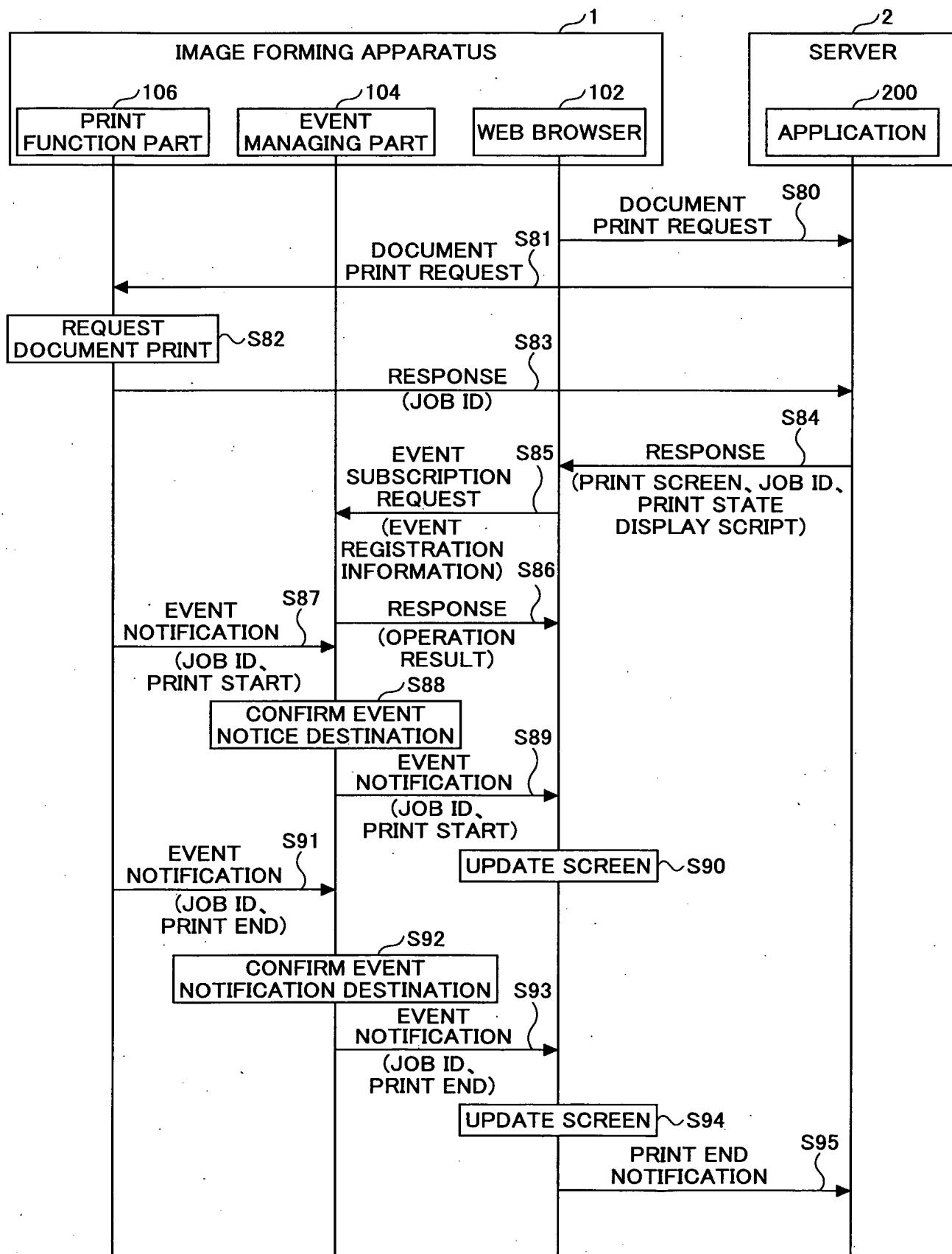
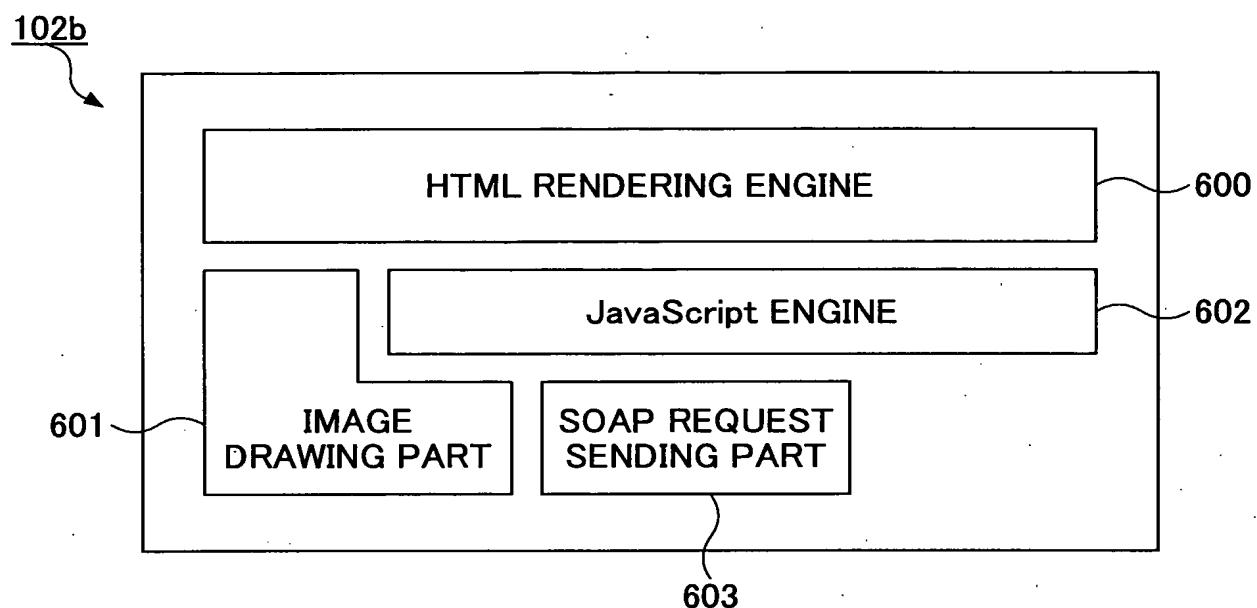
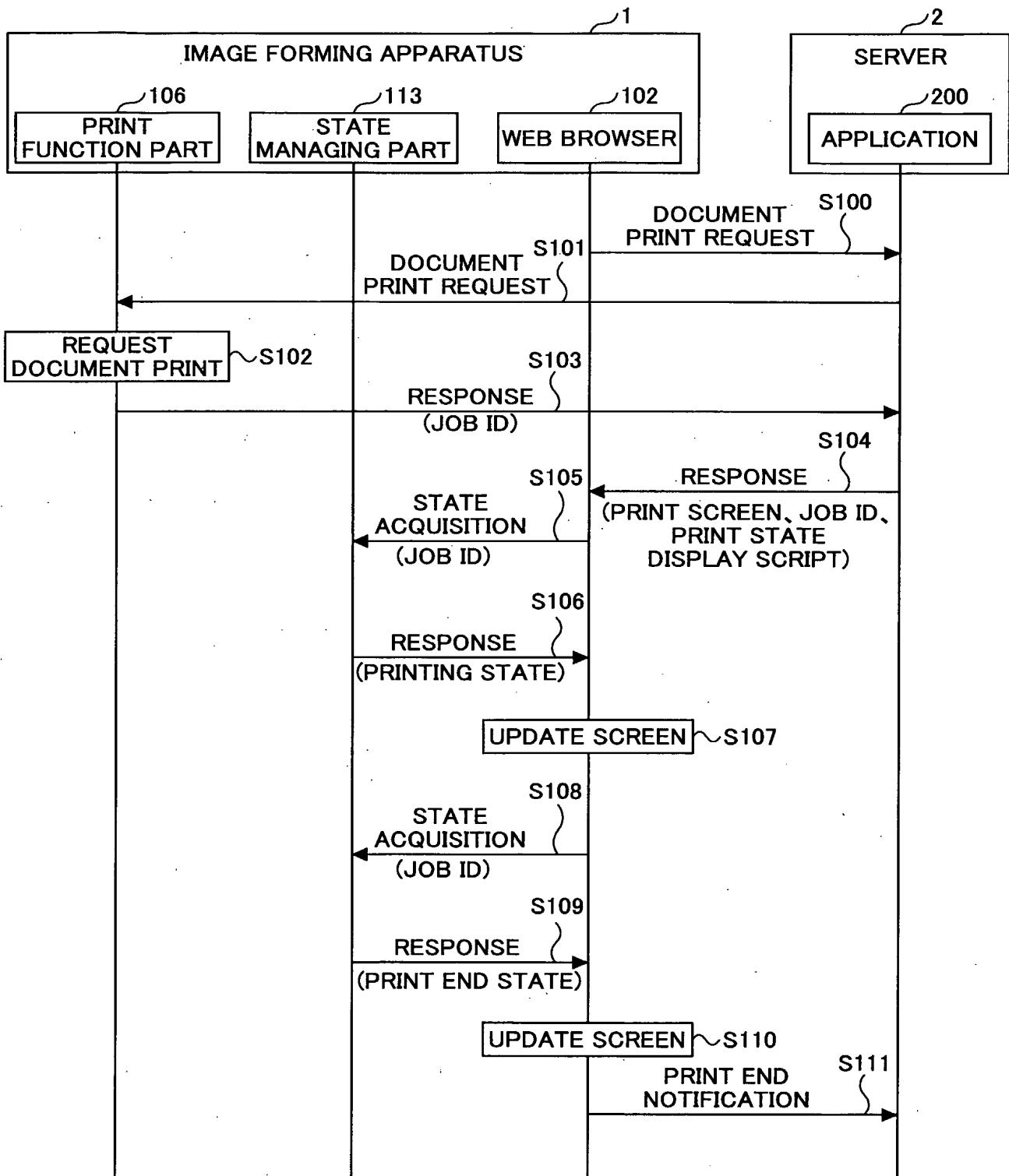


FIG.17



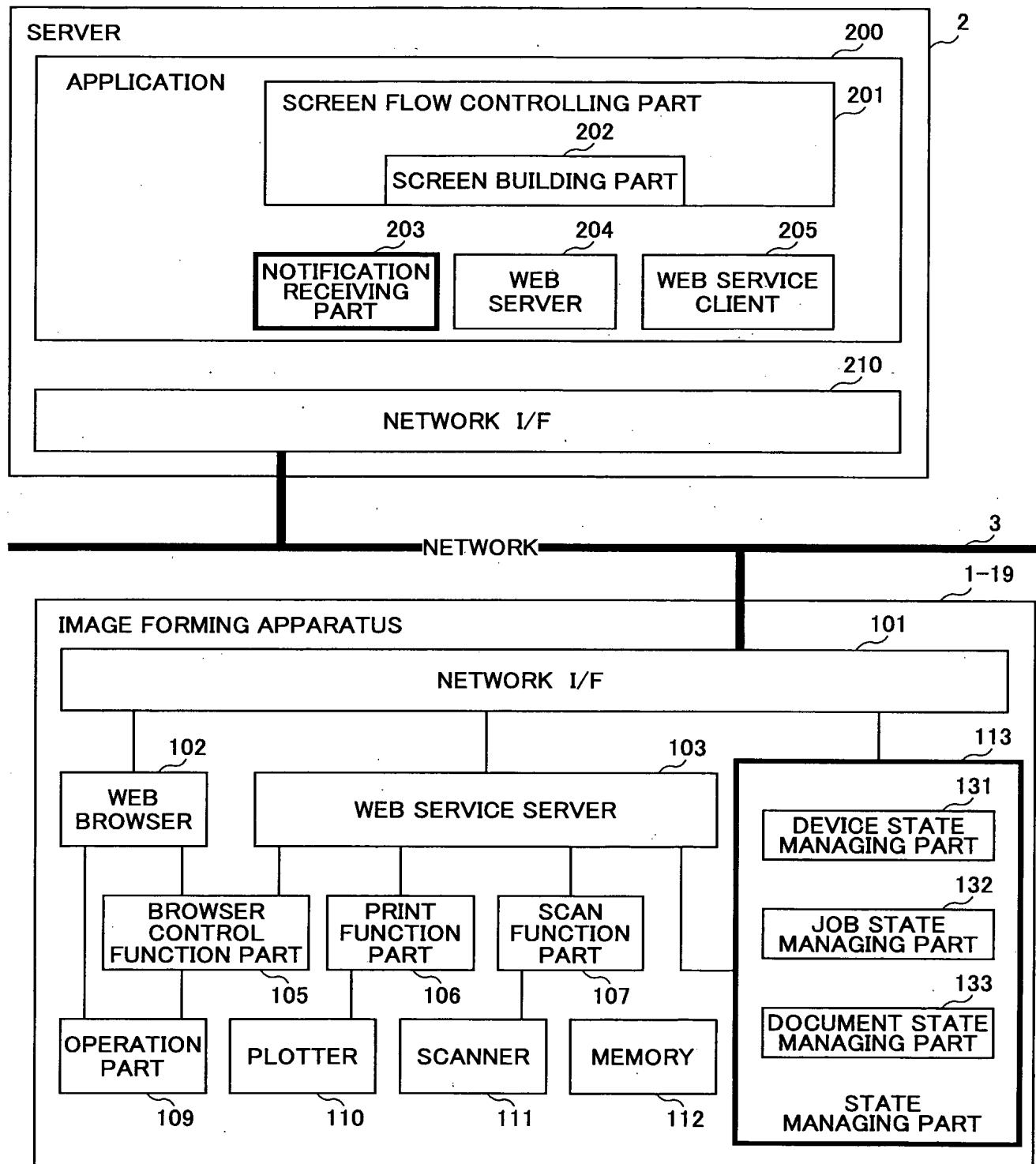
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FIG.18



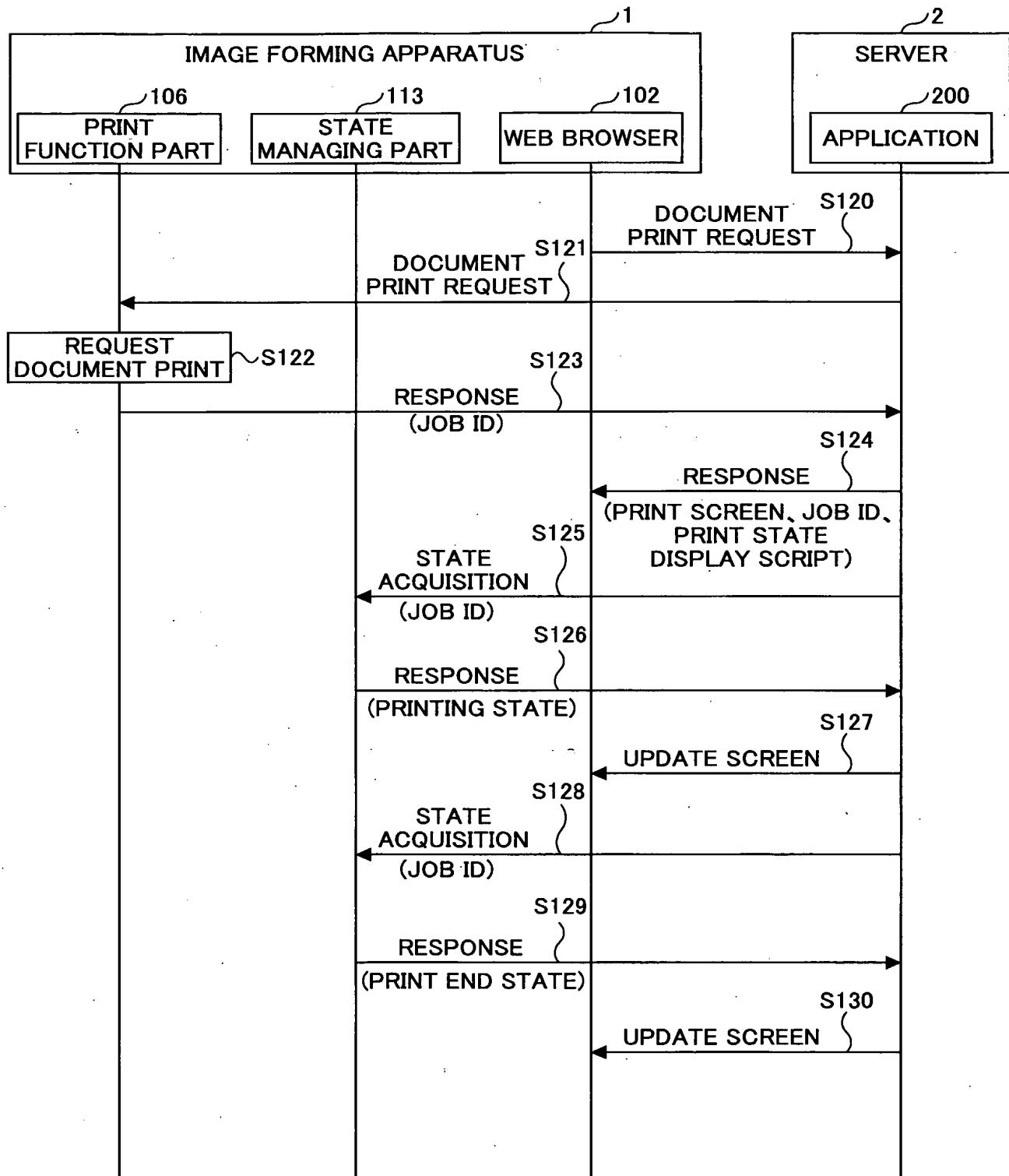
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FIG.19

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FIG.20



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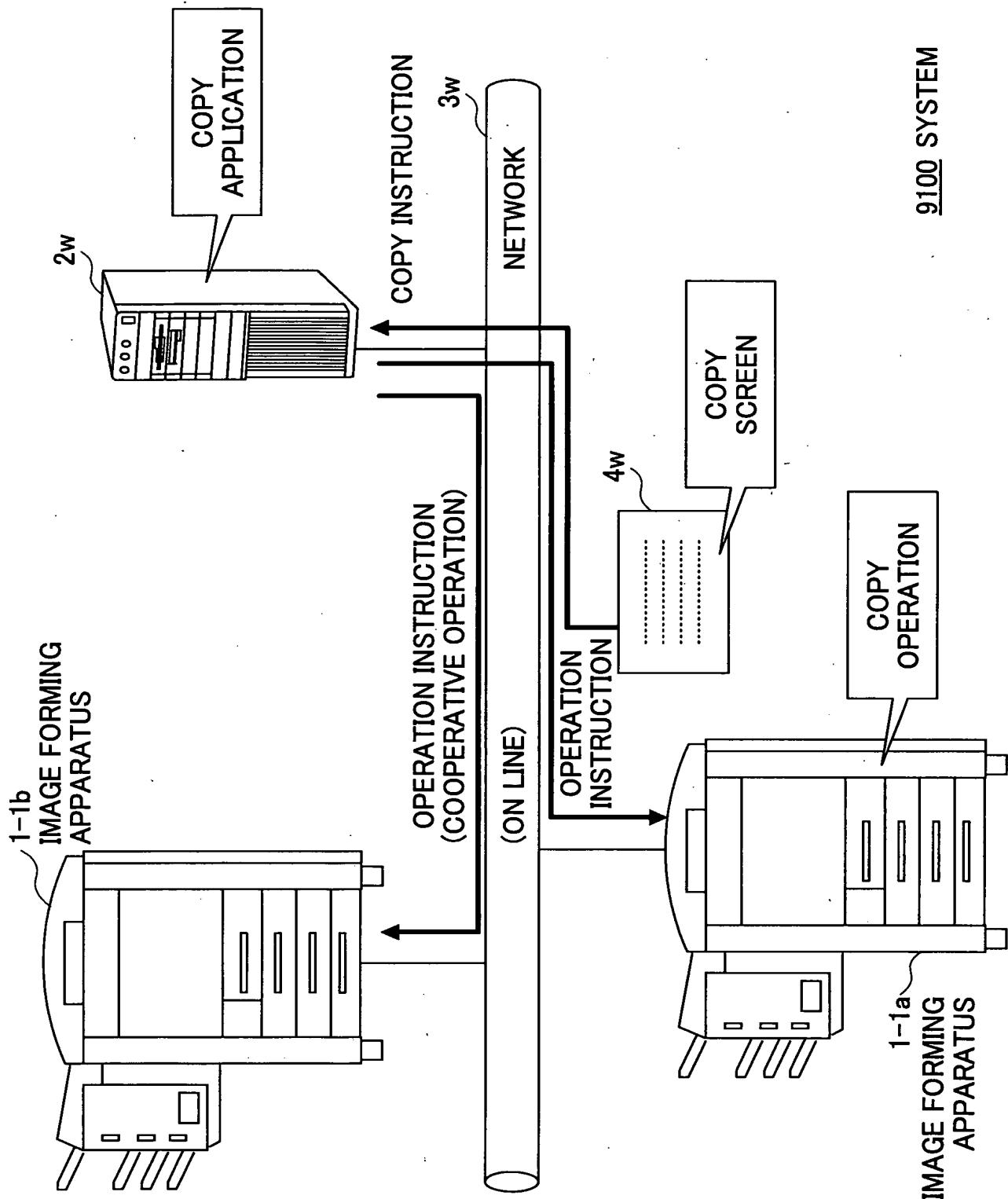


FIG.21

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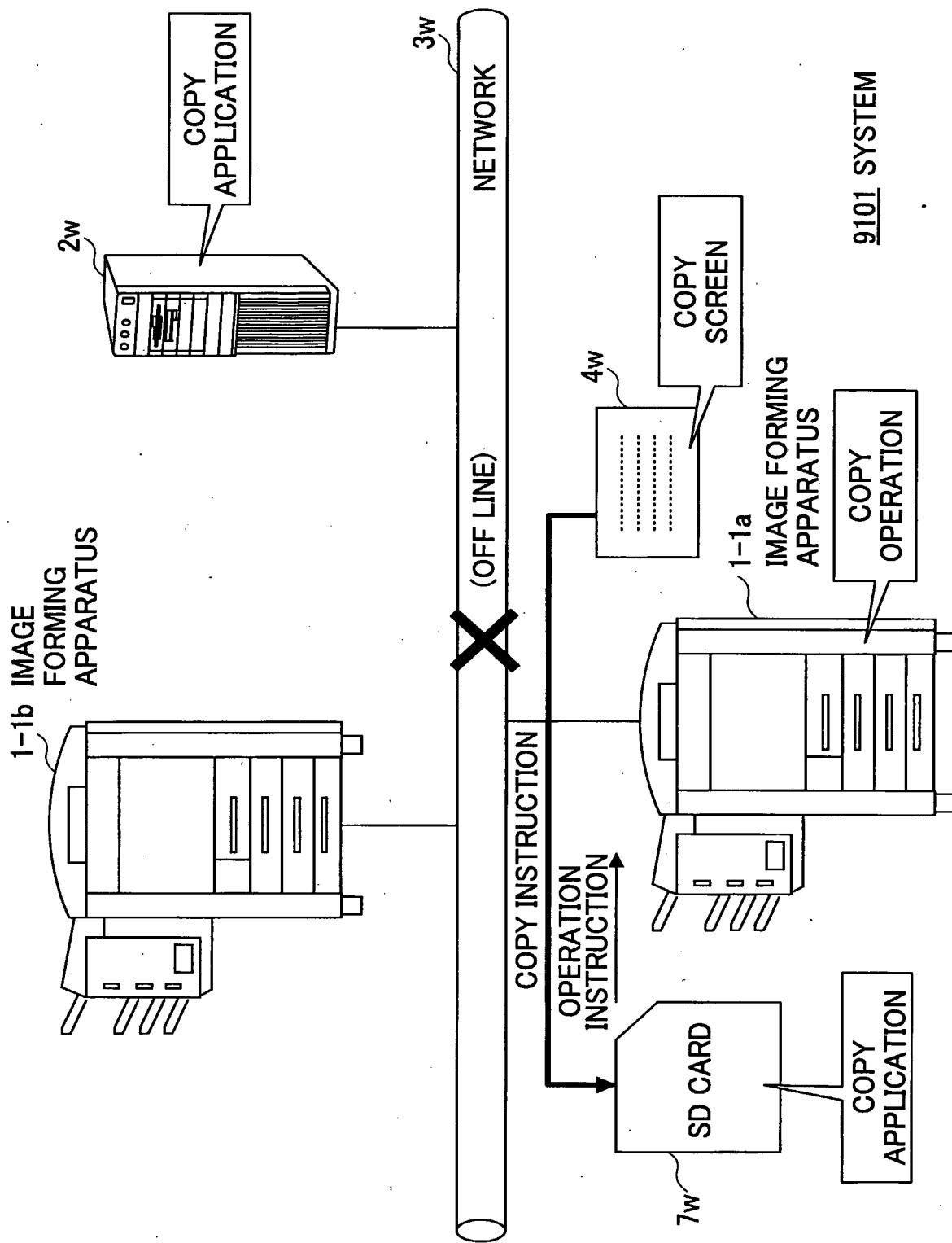
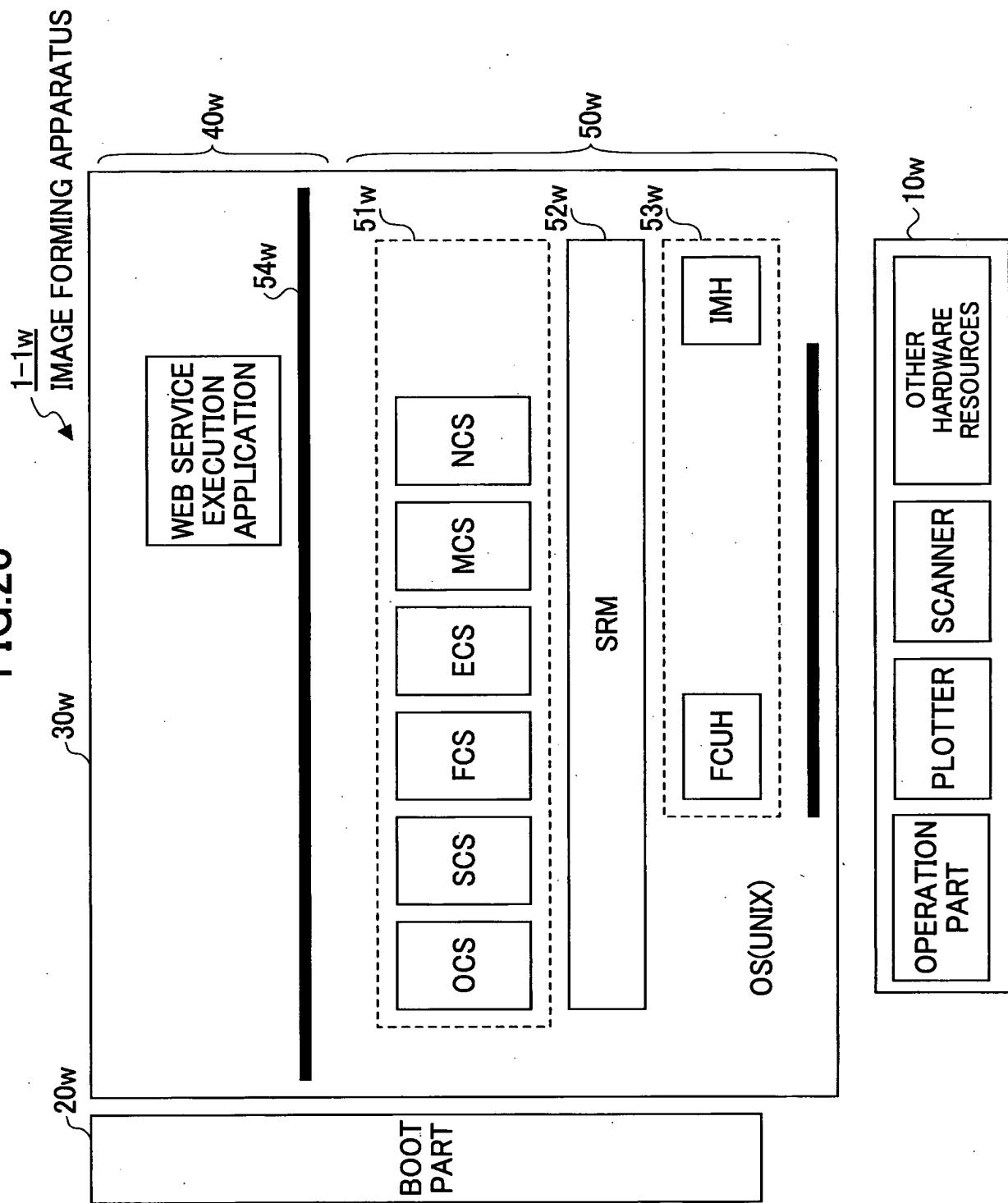


FIG.22

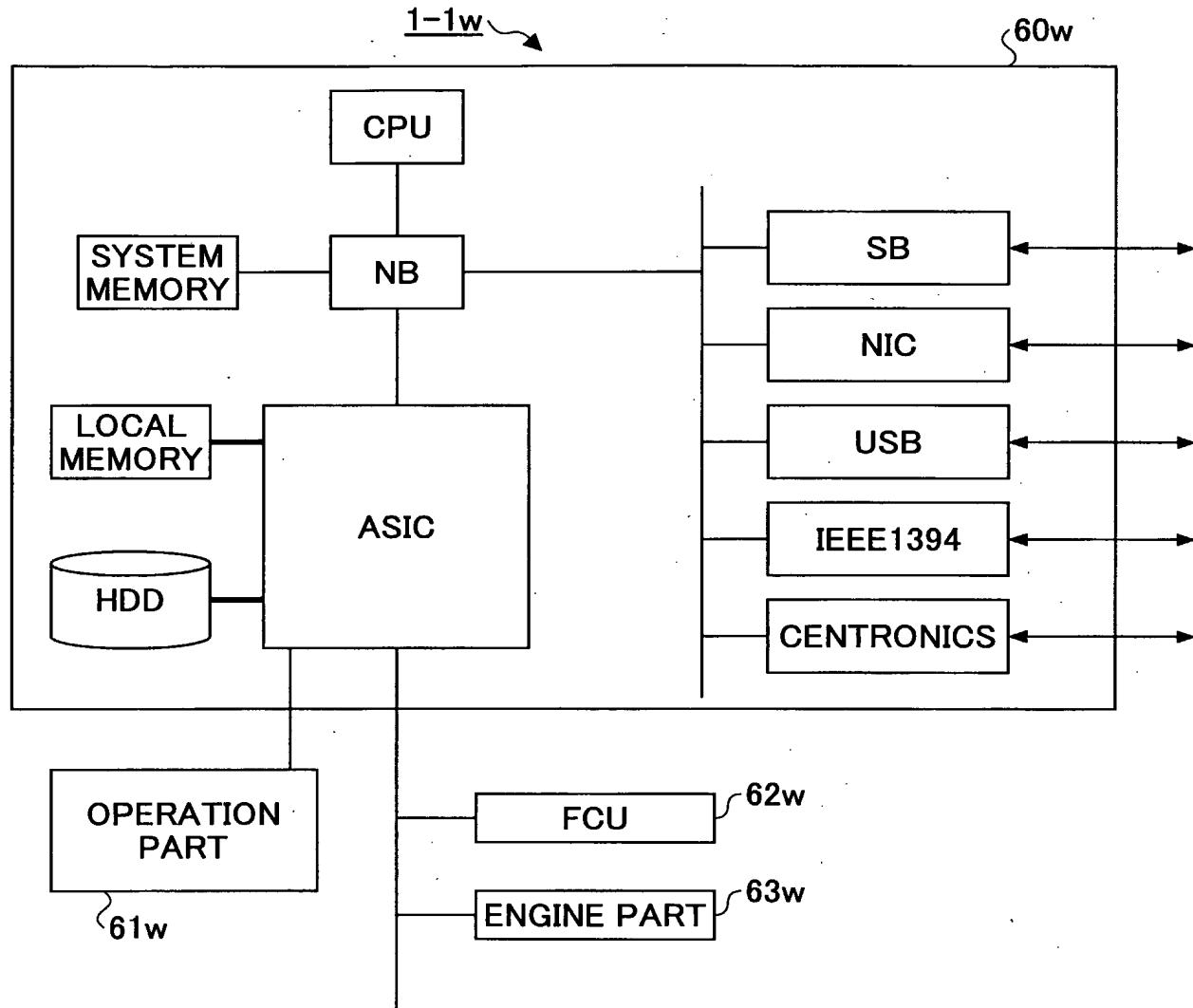
FIG.23



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## FIG.24

## IMAGE FORMING APPARATUS



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## FIG.25

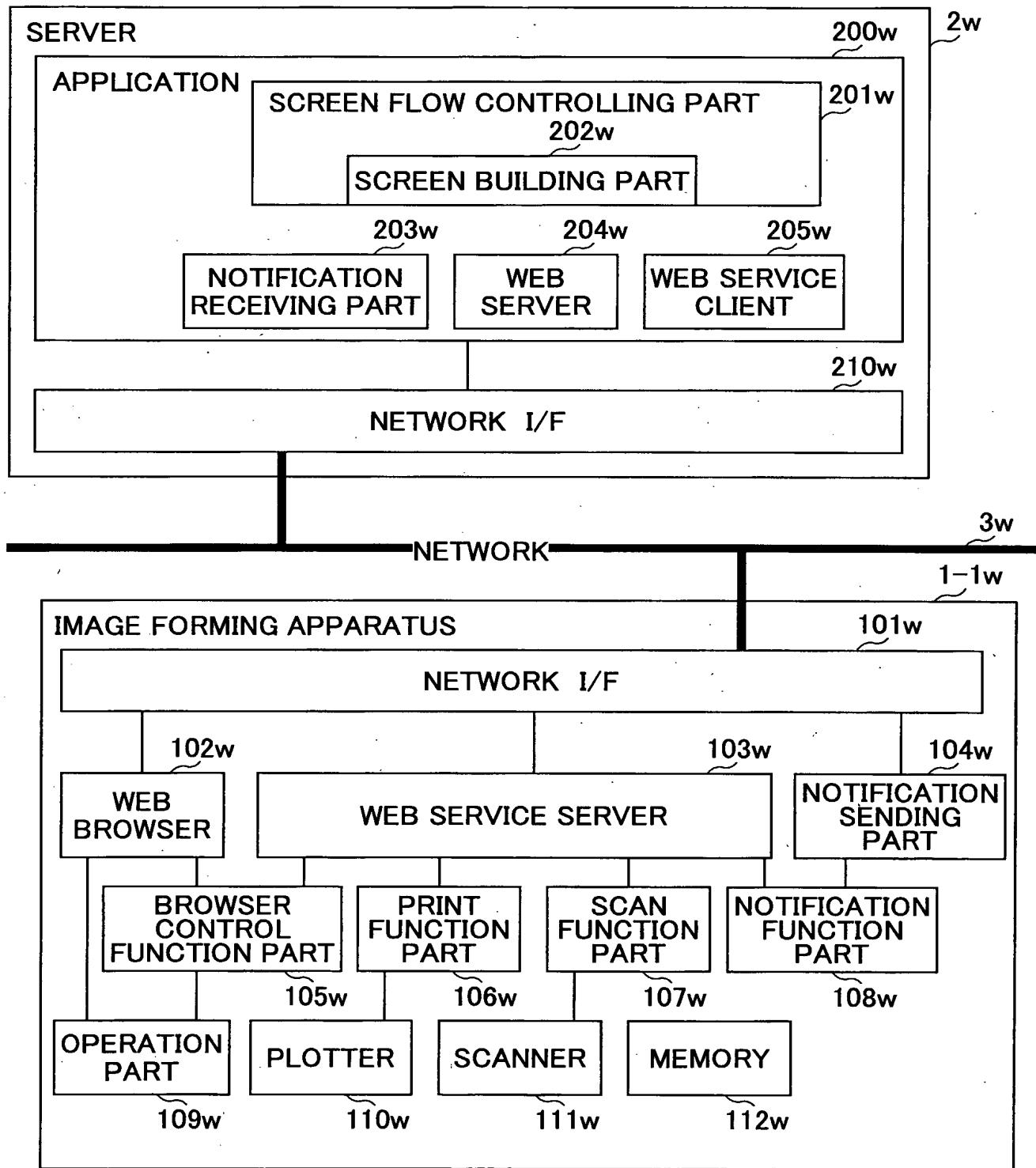
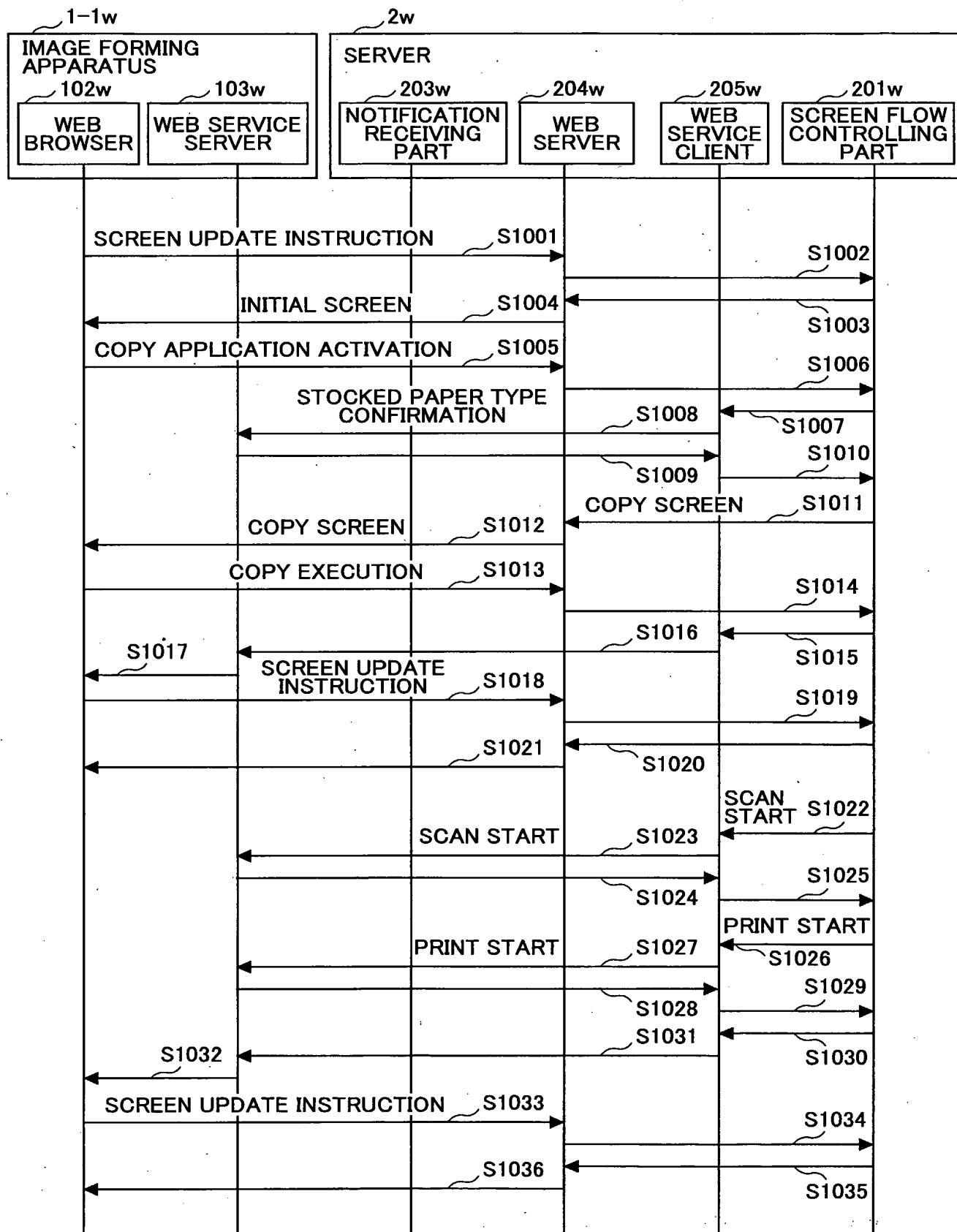


FIG.26



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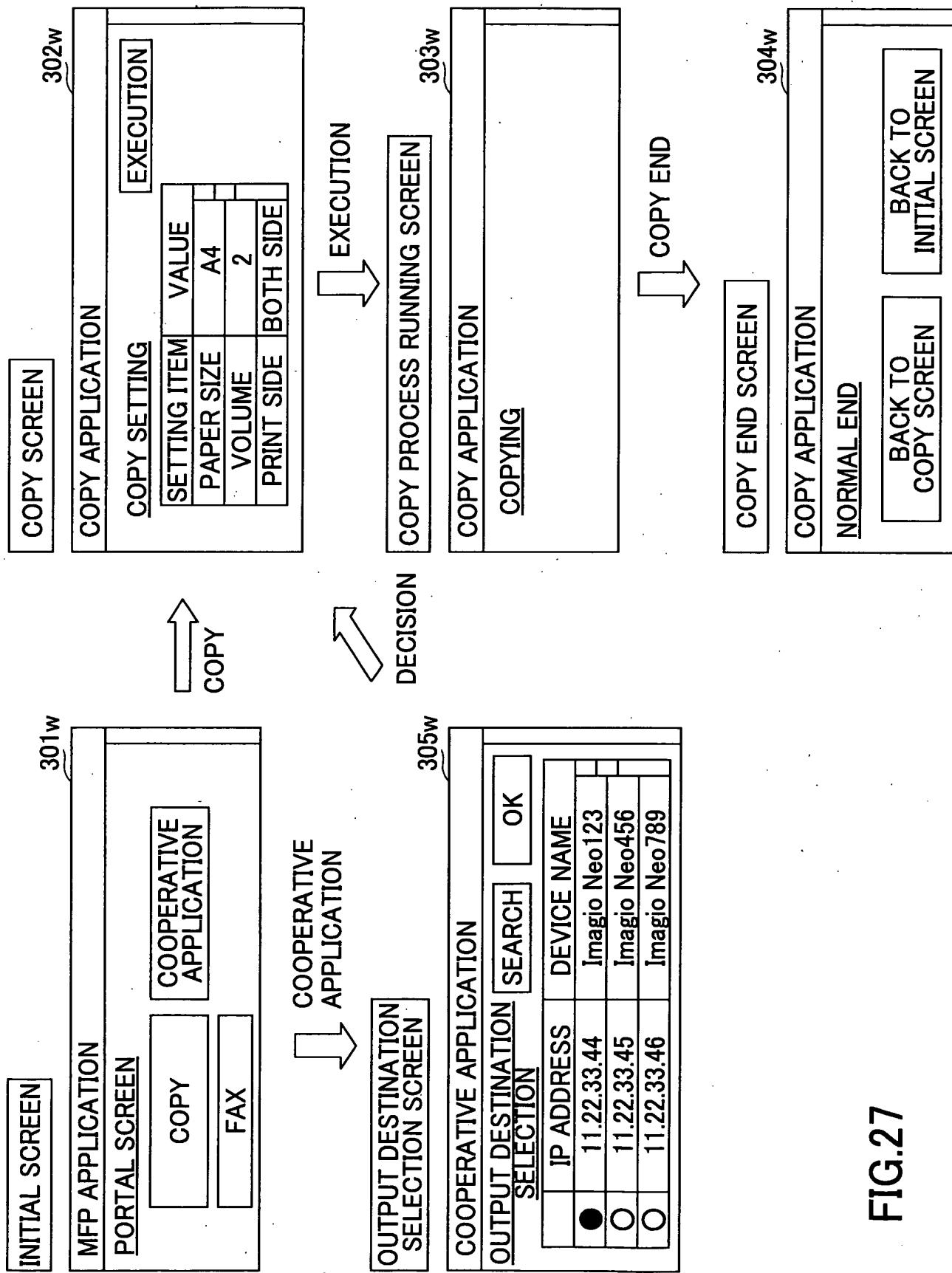
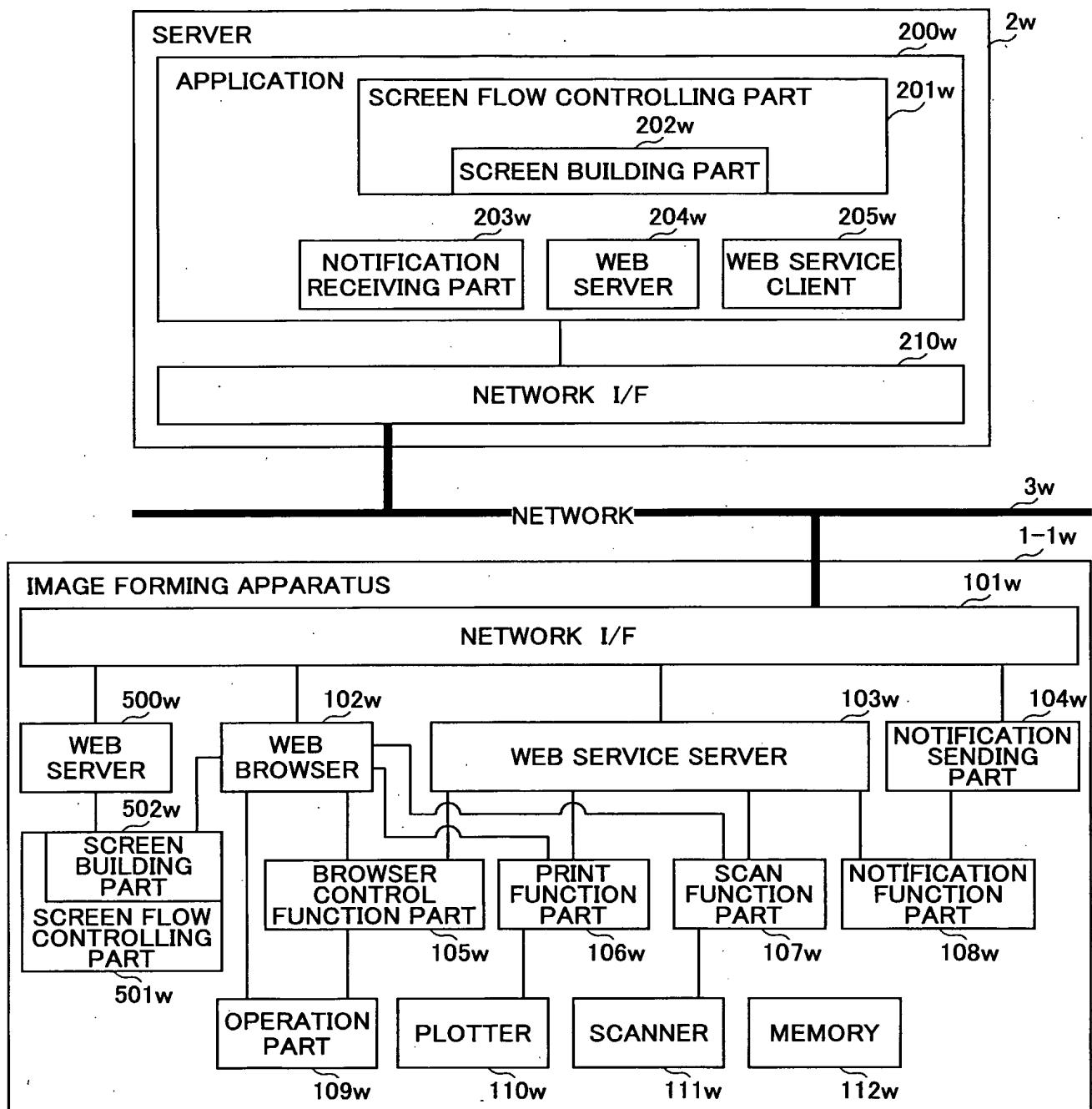


FIG. 27

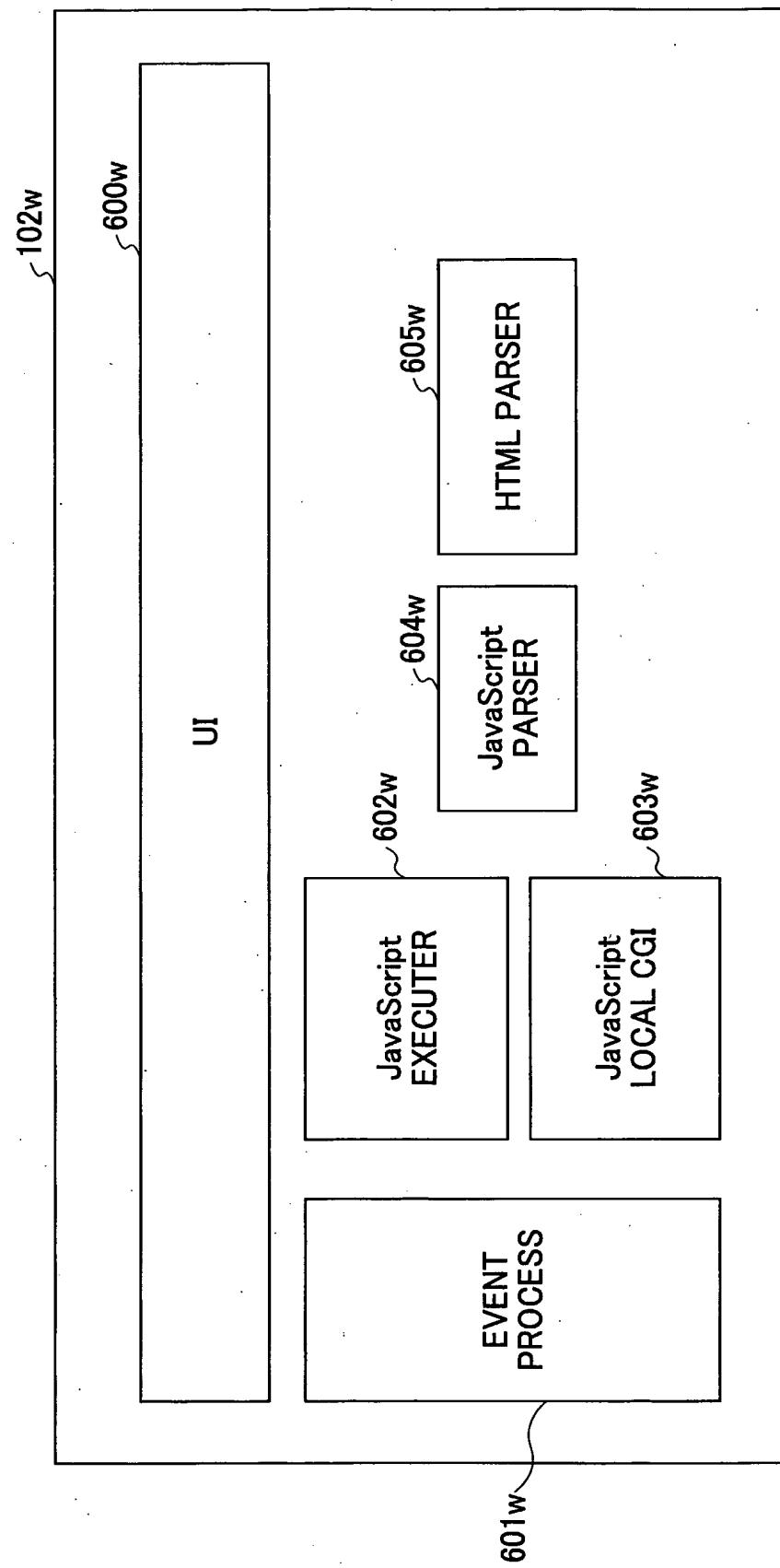
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FIG.28

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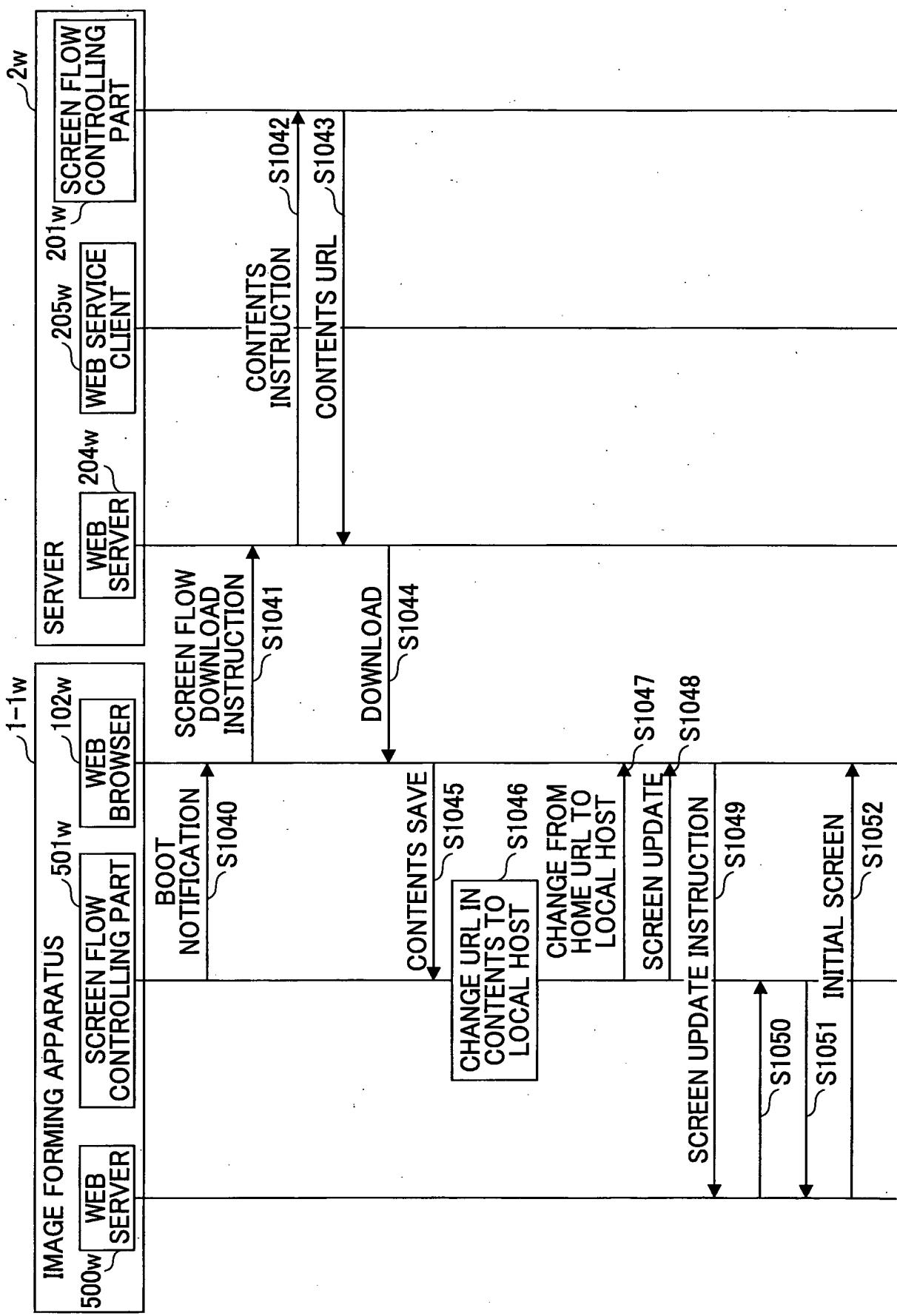
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FIG.29



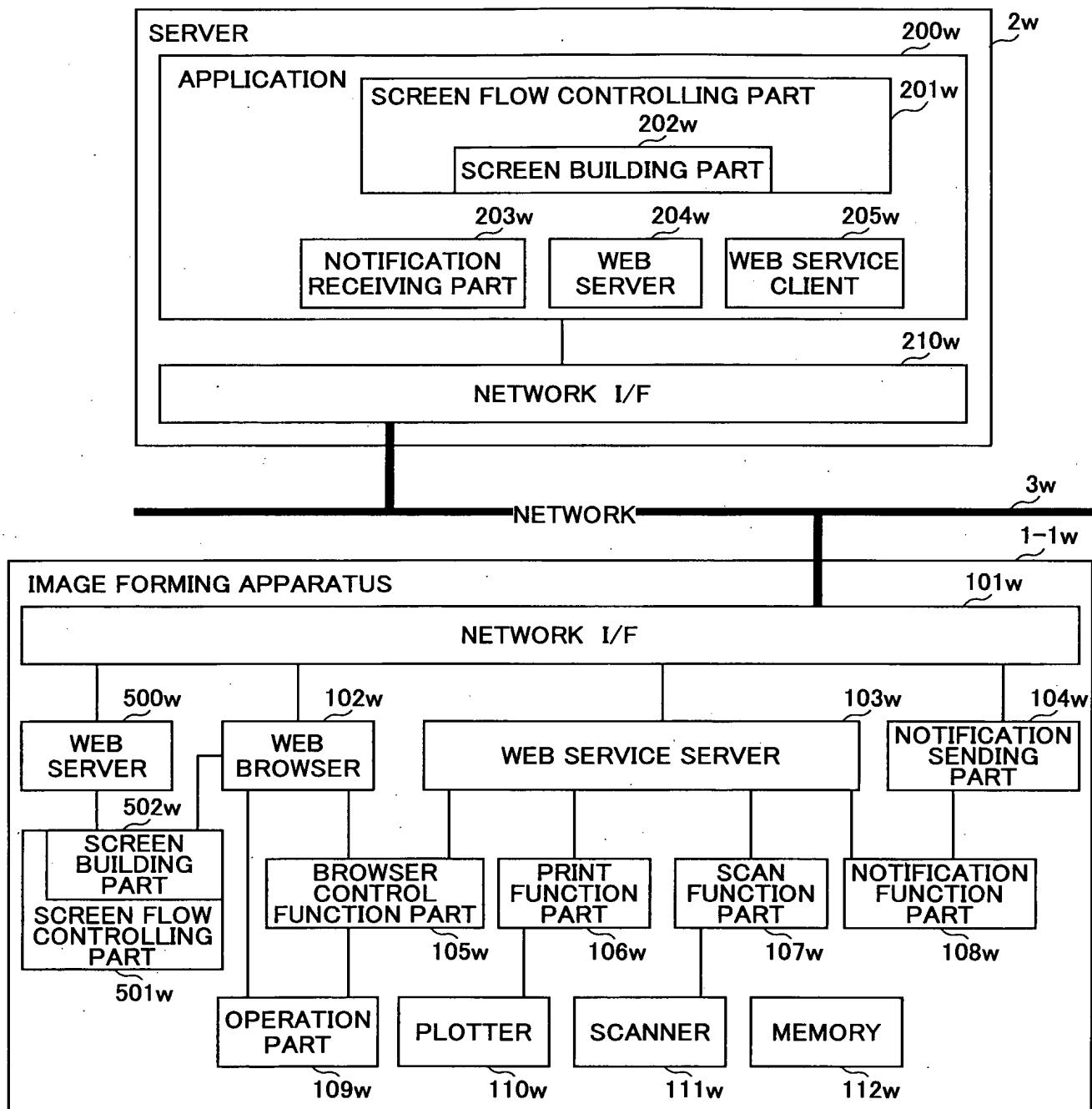
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FIG.30

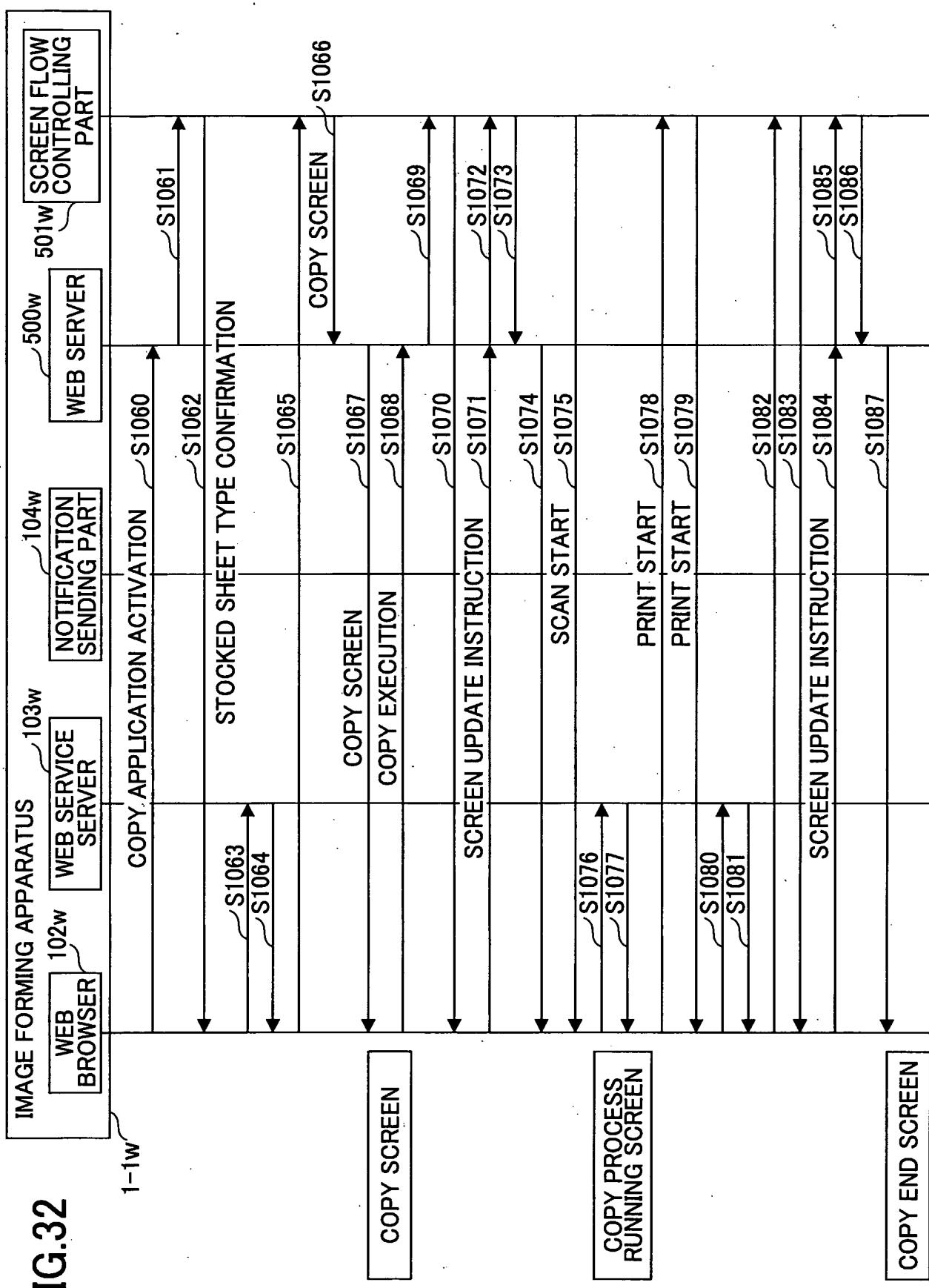


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## FIG.31

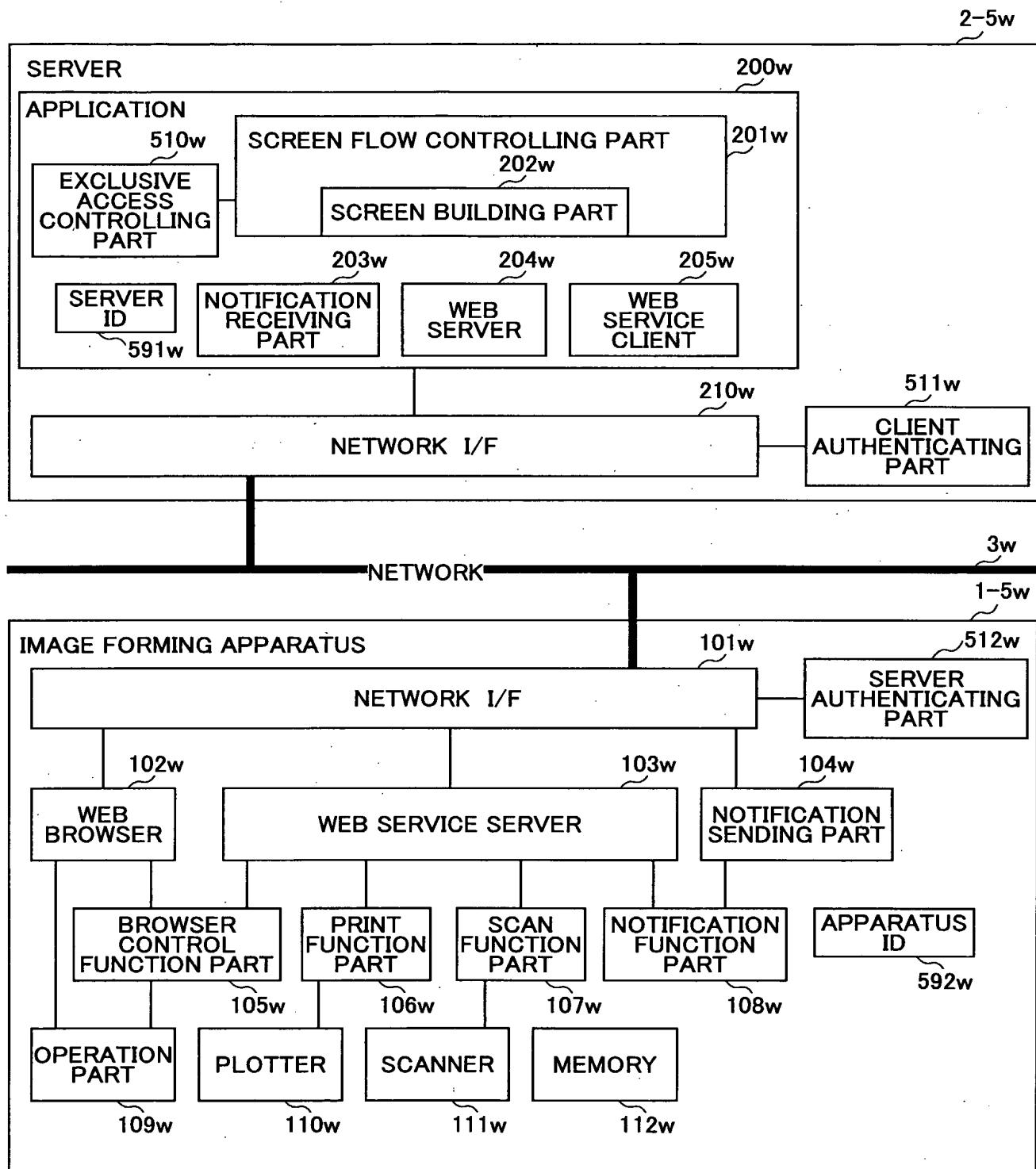
9104 SYSTEM

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FIG.33

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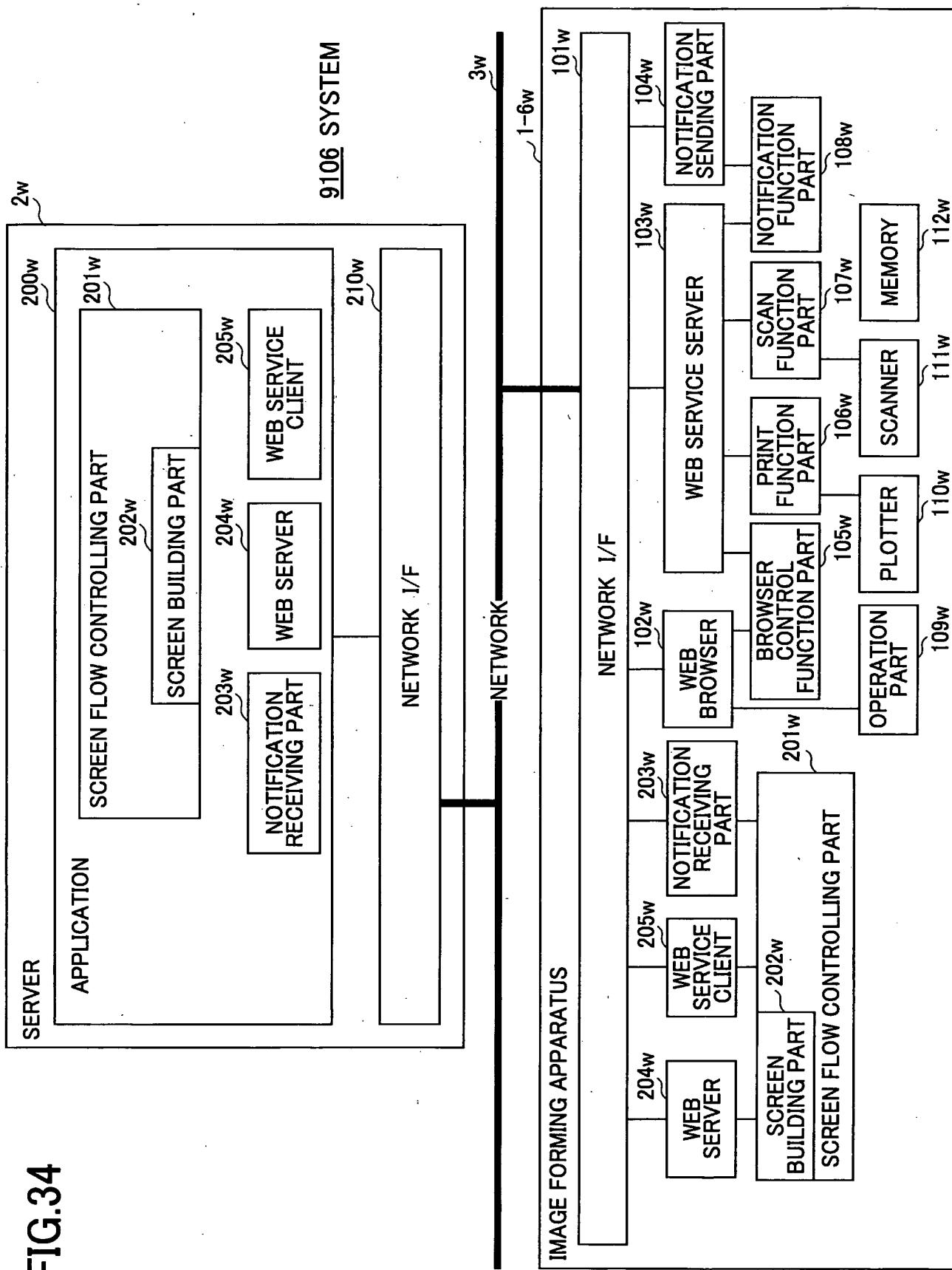
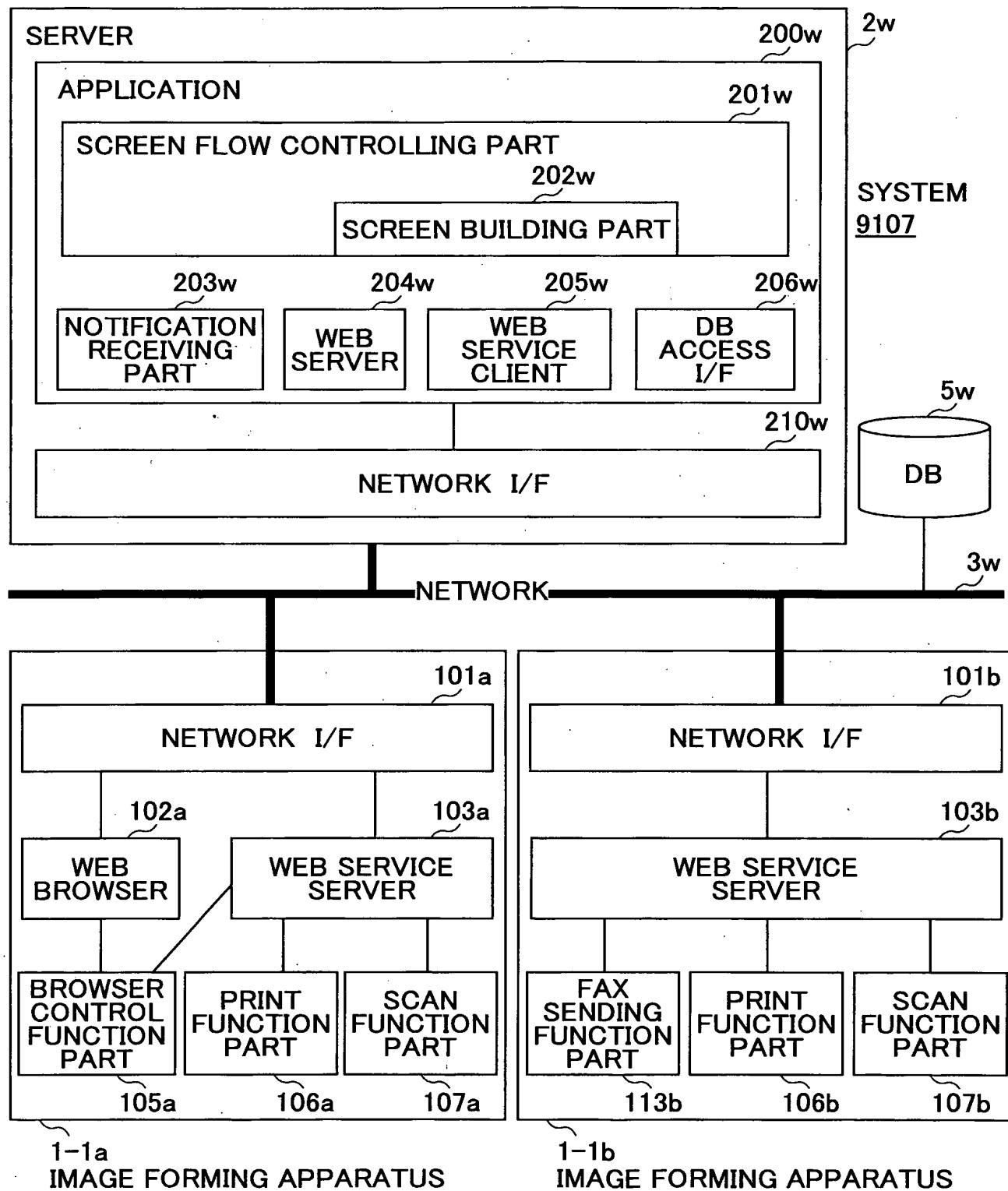


FIG.35



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FIG.36

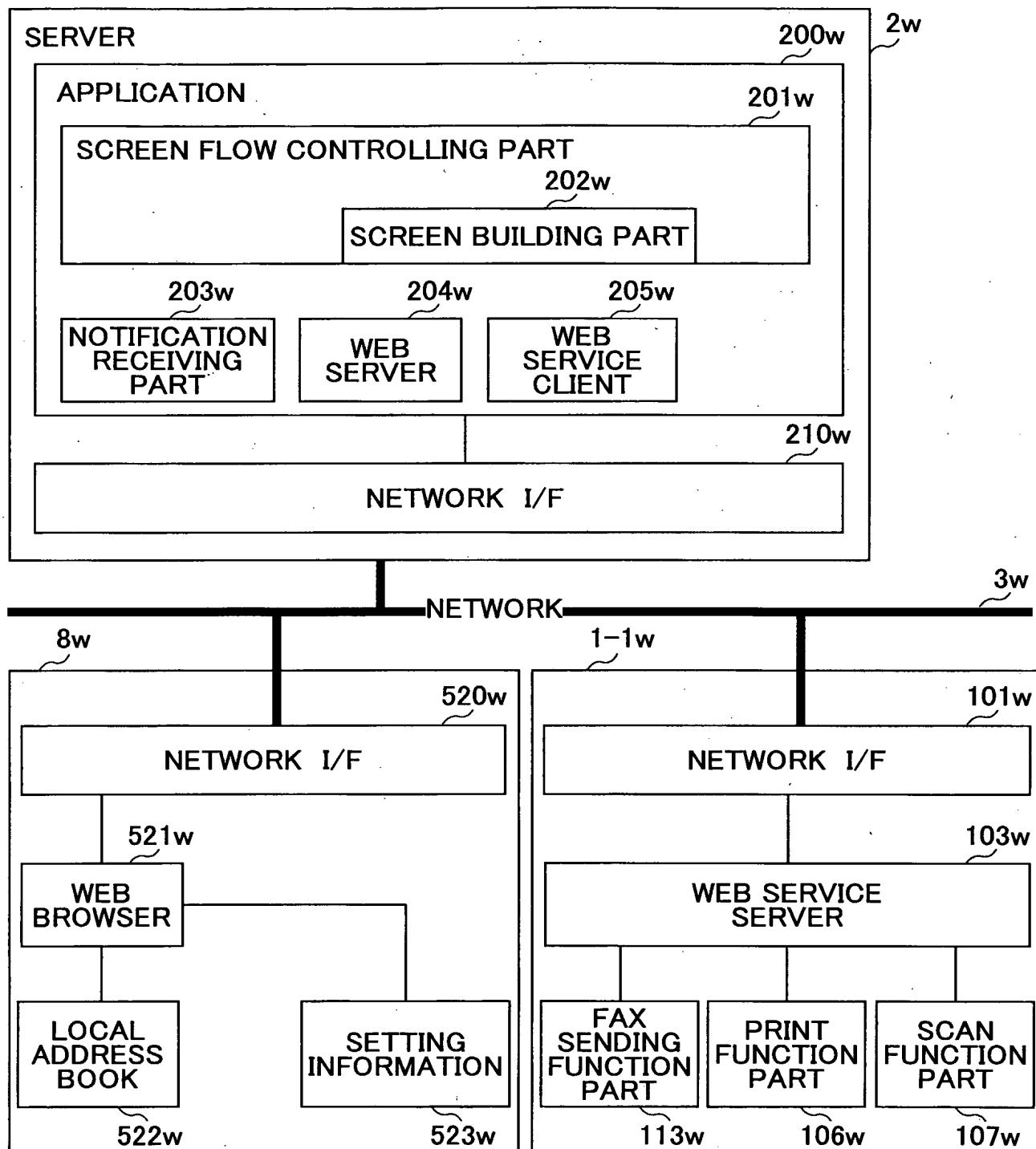
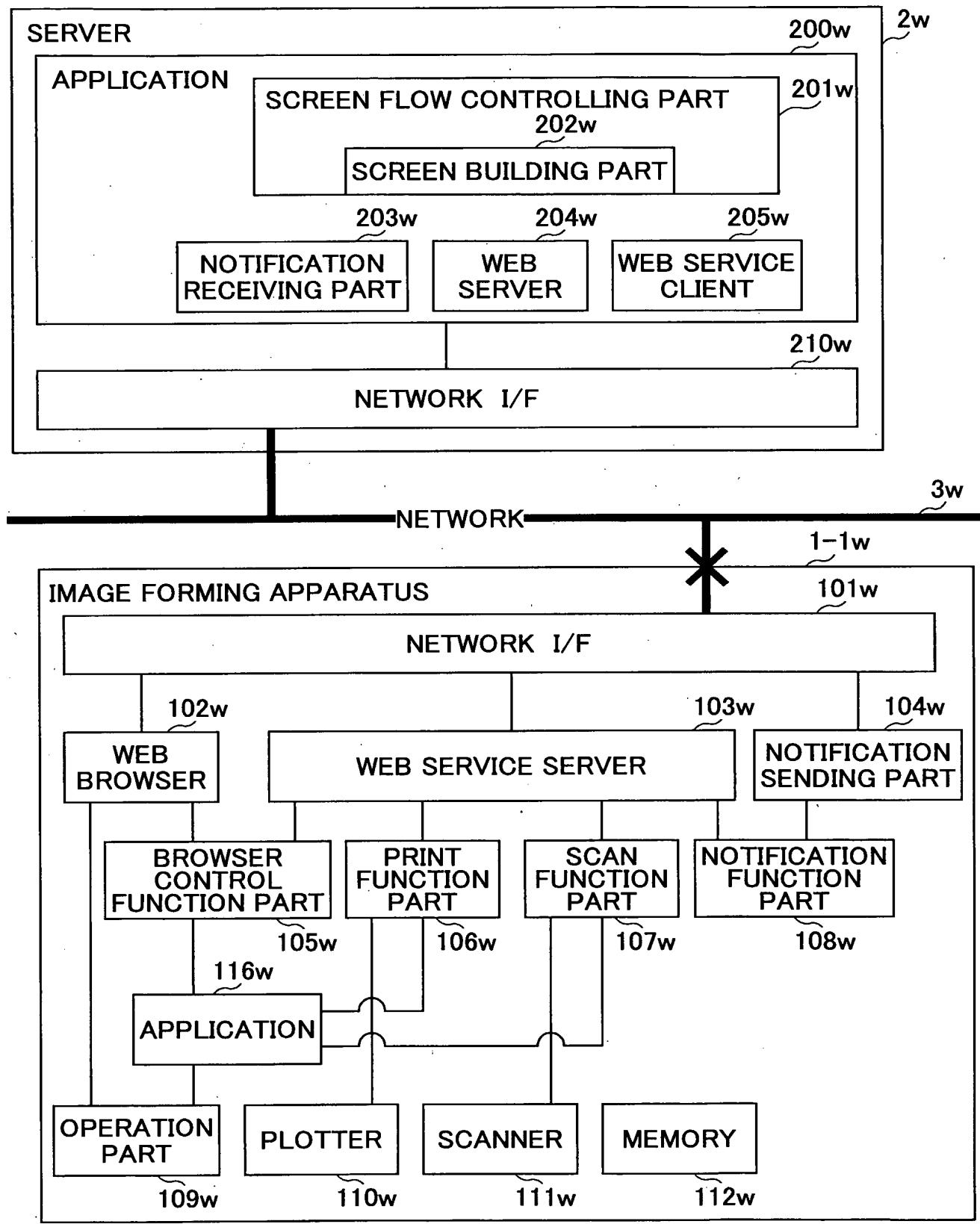
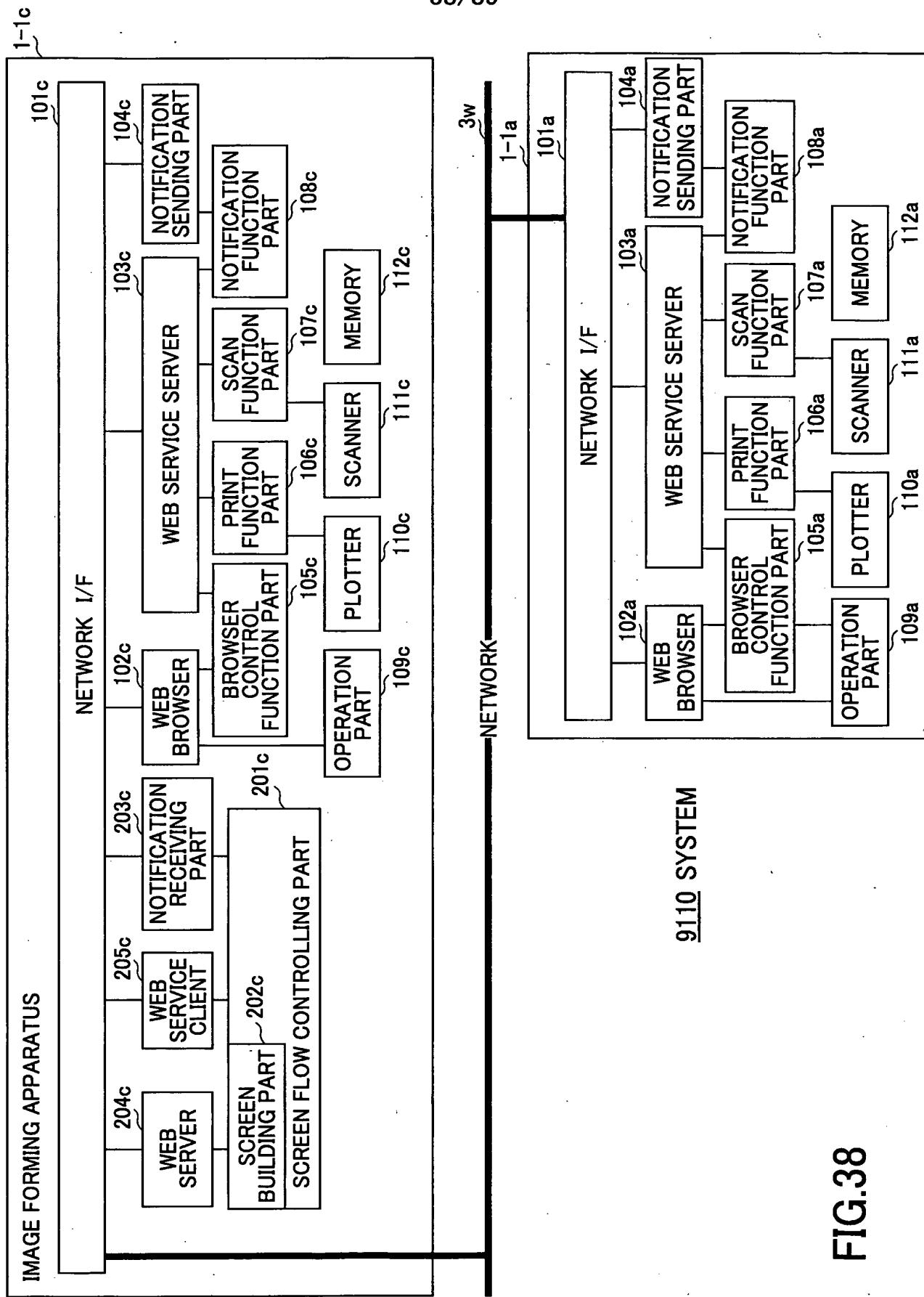
9108 SYSTEM

FIG.37



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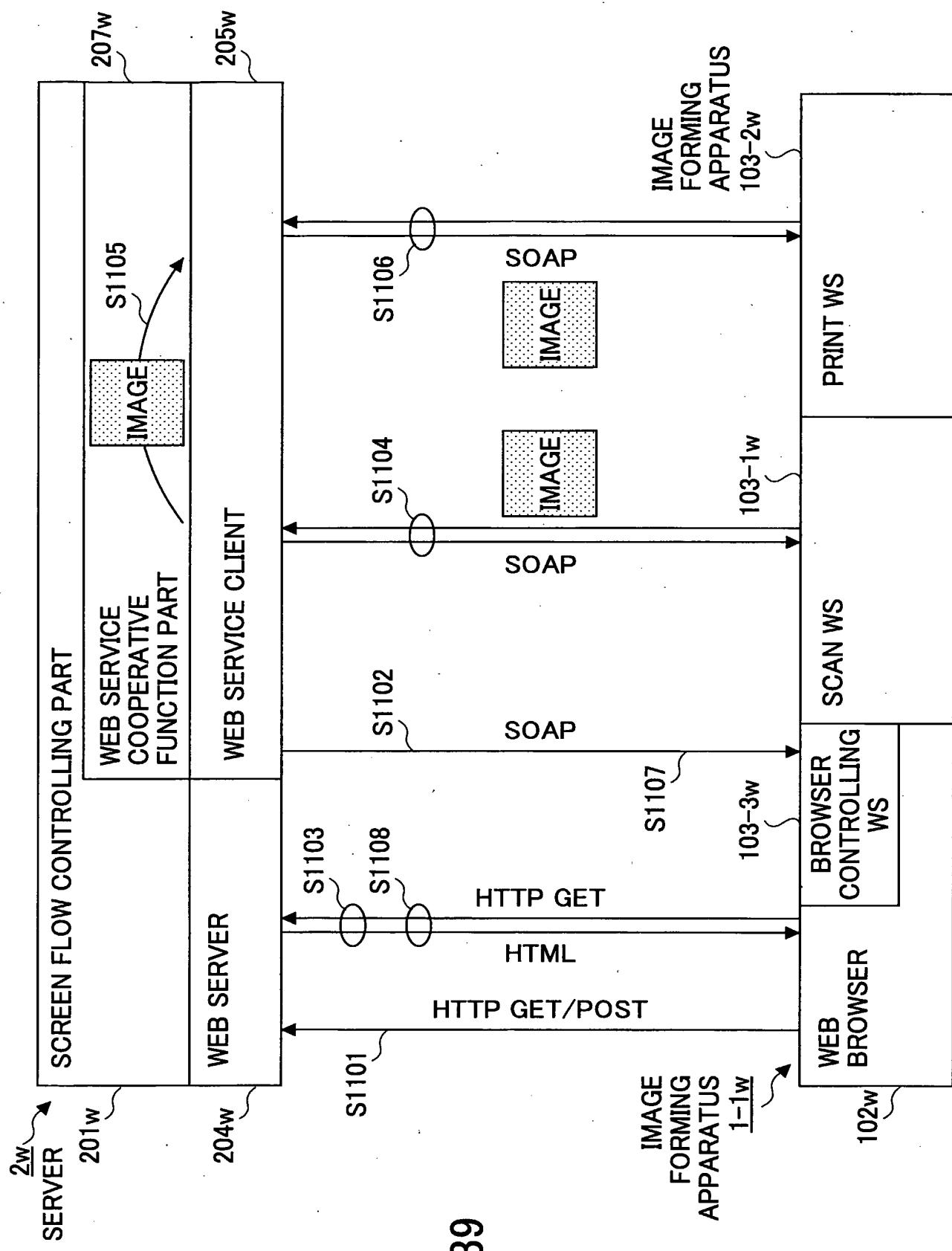


FIG.39

FIG.40

```
<?xml version="1.0" encoding="UTF-8"?>

<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">

  <SOAP-ENV:Body>
    <m:refresh xmlns:m="http://www.hoge.co.jp/xmlns/soap/browserManagement">
      <webPageUrl xsi:type="xsd:anyURI">http://foo/index.html</webPageUrl>
    </m:refresh>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.41

```
<?xml version="1.0" encoding="UTF-8"?>

<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">

  <SOAP-ENV:Body>
    <m:scanDocument xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <propertyInfo xmlns:it="http://www.hoge.co.jp/xmlns/soap/commonType" xmlns:soap-enc="it:soap-enc">
        <item>
          <name xsi:type="xsd:string">format</name>
          <value xsi:type="xsd:string">tiff</value>
        </item>
      </propertyInfo>
    </m:scanDocument>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.42

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <m:scanDocumentResponse xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <returnValue xsi:type="xsd:binaryAttachment">
        <theSignedForm href="content.tiff"/>
      </returnValue>
    </m:scanDocumentResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.43

```
<?xml version="1.0" encoding="UTF-8"?>

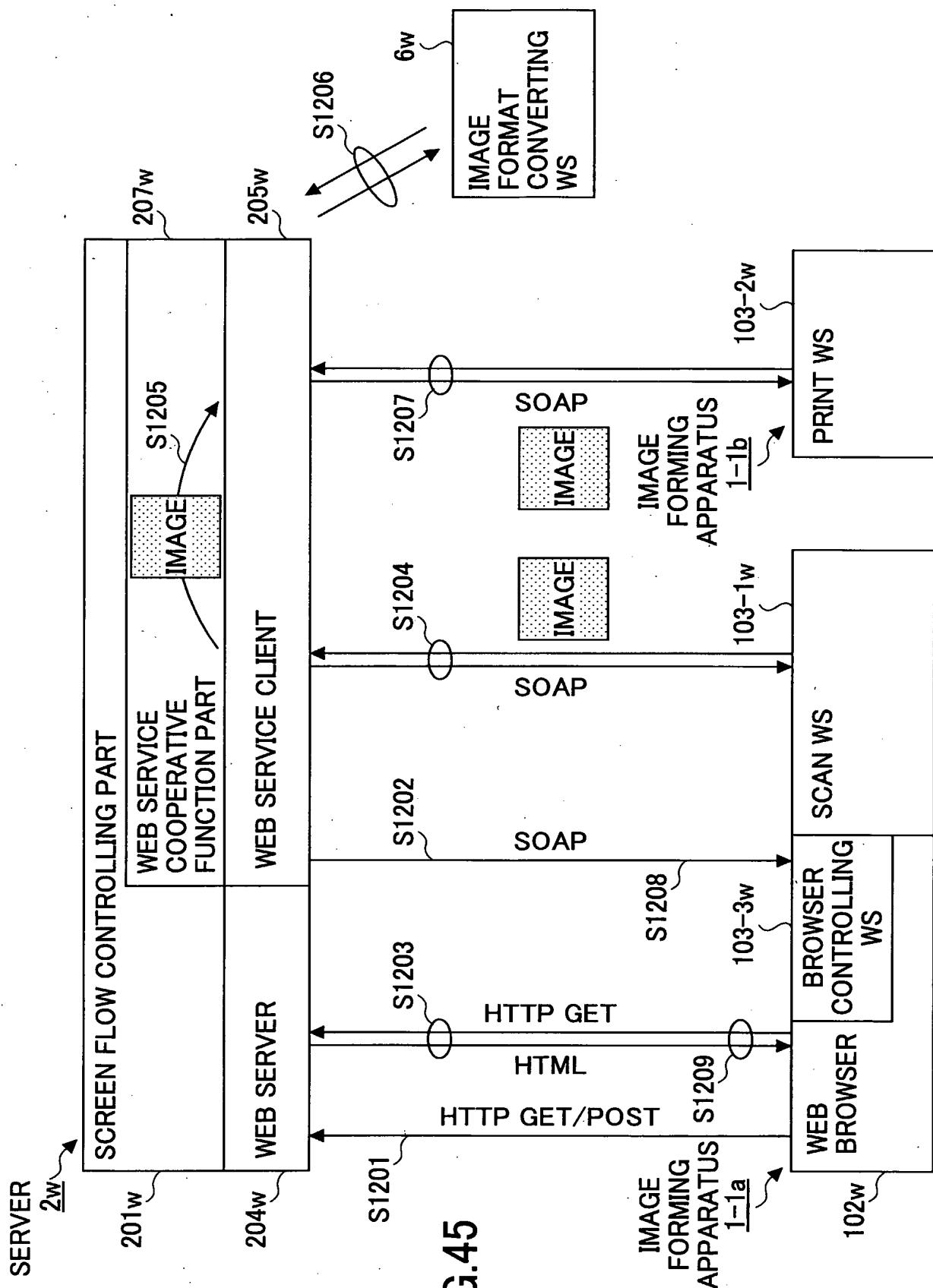
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">

  <SOAP-ENV:Body>
    <m:printDocument
      xmlns:m="http://www.hoge.co.jp/xmlns/soap/print">
      <docData xsi:type="xsd:binaryAttachment"><theSignedForm href="content.tiff"/></docData>
      <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commonType" xmlns:soap-enc="itt:property[2]">
        <item><name xsi:type="xsd:string">number_of_copies</name><value xsi:type="xsd:string">3</value></item>
        <item><name xsi:type="xsd:string">size</name><value xsi:type="xsd:string">A4F</value></item>
      </propertyInfo>
    </m:printDocument>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.44

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd = "http://www.w3.org/2001/XMLSchema"
  xmlns:xsi = "http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Body>
    <ns1:printDocumentResponse
      SOAP-ENV:encodingStyle = "http://schemas.xmlsoap.org/soap/encoding/">
      xmlns:ns1 = "http://www.hoge.co.jp/xmlns/soap/print">
        <returnValue xsi:type = "xsd:string">0987654321</returnValue>
      </ns1:printDocumentResponse >
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>
```

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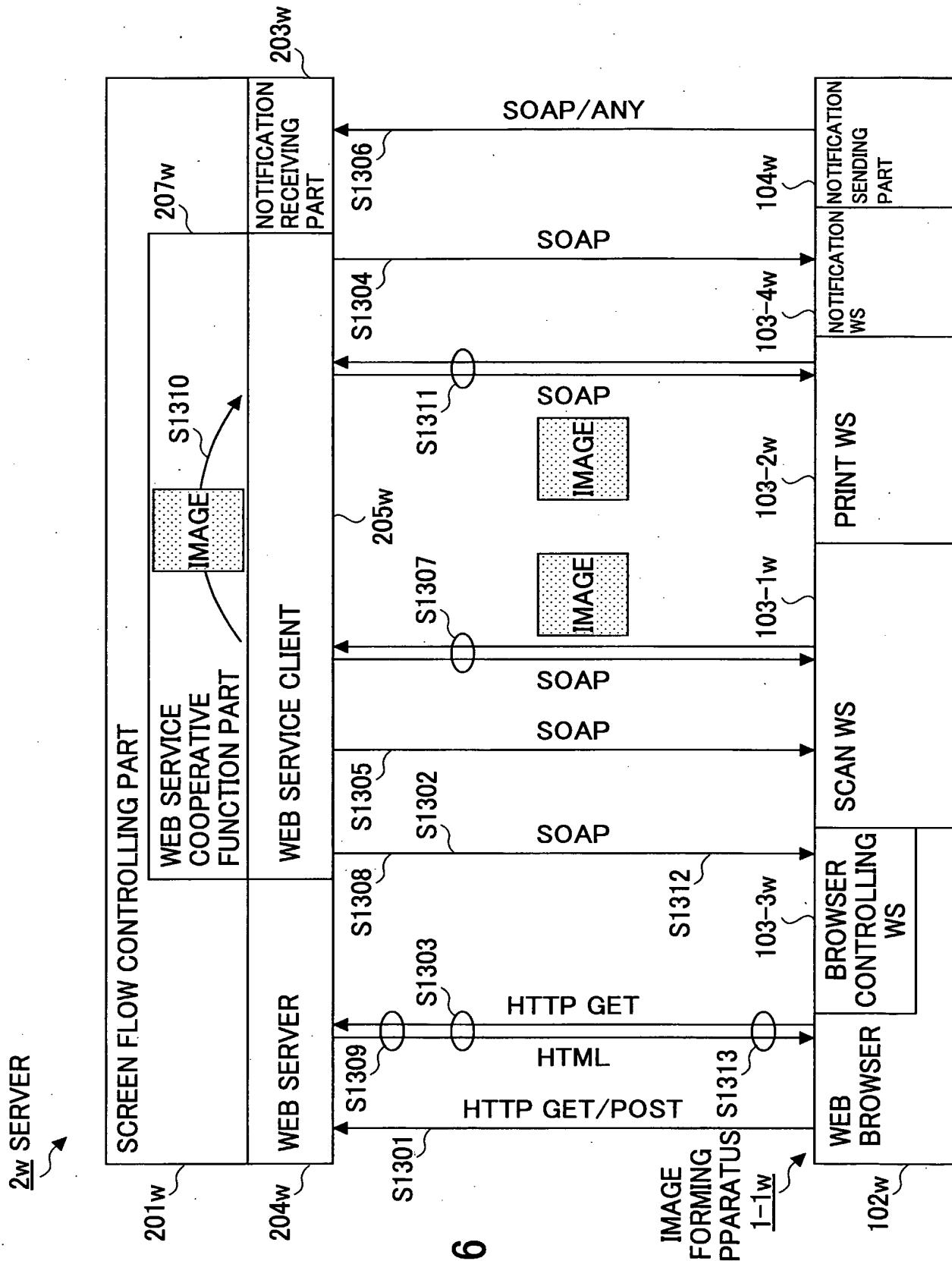


FIG.46

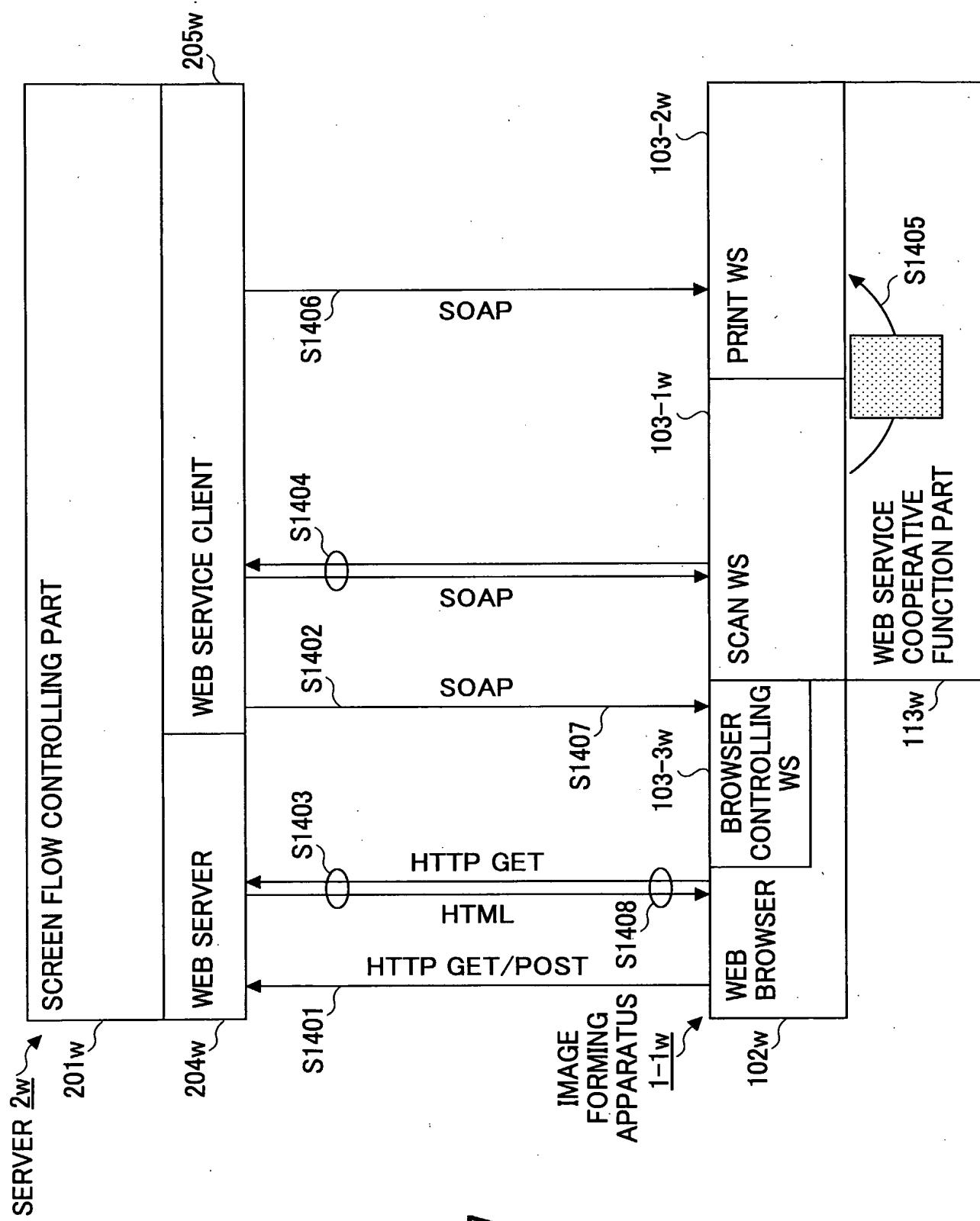


FIG.47

FIG.48

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">

<SOAP-ENV:Body>
  <m:scanDocumentId xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
    <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commontype" xmlns:soap-enc="it:soap-enc">
      <item>
        <name xsi:type="xsd:string">format</name>
        <value xsi:type="xsd:string">tiff</value>
      </item>
    </propertyInfo>
    <m:scanDocumentId>
      </m:scanDocumentId>
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>
```

FIG.49

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <m:scanDocumentIdResponse xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <returnValue xmlns:type="xsd:string">
        1111
      </returnValue>
      </m:scanDocumentIdResponse>
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>
```

FIG.50

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">

  <SOAP-ENV:Body>
    <m:printDocumentId
      xmlns:m="http://www.hoge.co.jp/xmlns/soap/print">
      <docId xsi:type="xsd:string">1111</docId>
      <propertyInfo xmlns:it="http://www.hoge.co.jp/xmlns/soap/commonType" xmlns:soap="it:property[2]">
        <item><name xsi:type="xsd:string">number_of_copies</name><value xsi:type="xsd:string">3</value></item>
        <item><name xsi:type="xsd:string">size</name><value xsi:type="xsd:string">A4F</value></item>
      </propertyInfo>
    </m:printDocumentId>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.51

```
<?xml version="1.0" encoding="UTF-8"?>

<SOAP-ENV:Envelope

  xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/"

  xmlns:xsd = "http://www.w3.org/2001/XMLSchema"

  xmlns:xsi = "http://www.w3.org/2001/XMLSchema-instance">

  <SOAP-ENV:Body>

    <ns1:printDocumentIdResponse

      xmlns:ns1 = "http://www.hoge.co.jp/xmlns/soap/print"

      SOAP-ENV:encodingStyle = "http://schemas.xmlsoap.org/soap/encoding/">

      <returnValue xsi:type = "xsd:string">0987654321</returnValue>

    </ns1:printDocumentIdResponse >

    </SOAP-ENV:Body>

  </SOAP-ENV:Envelope>
```

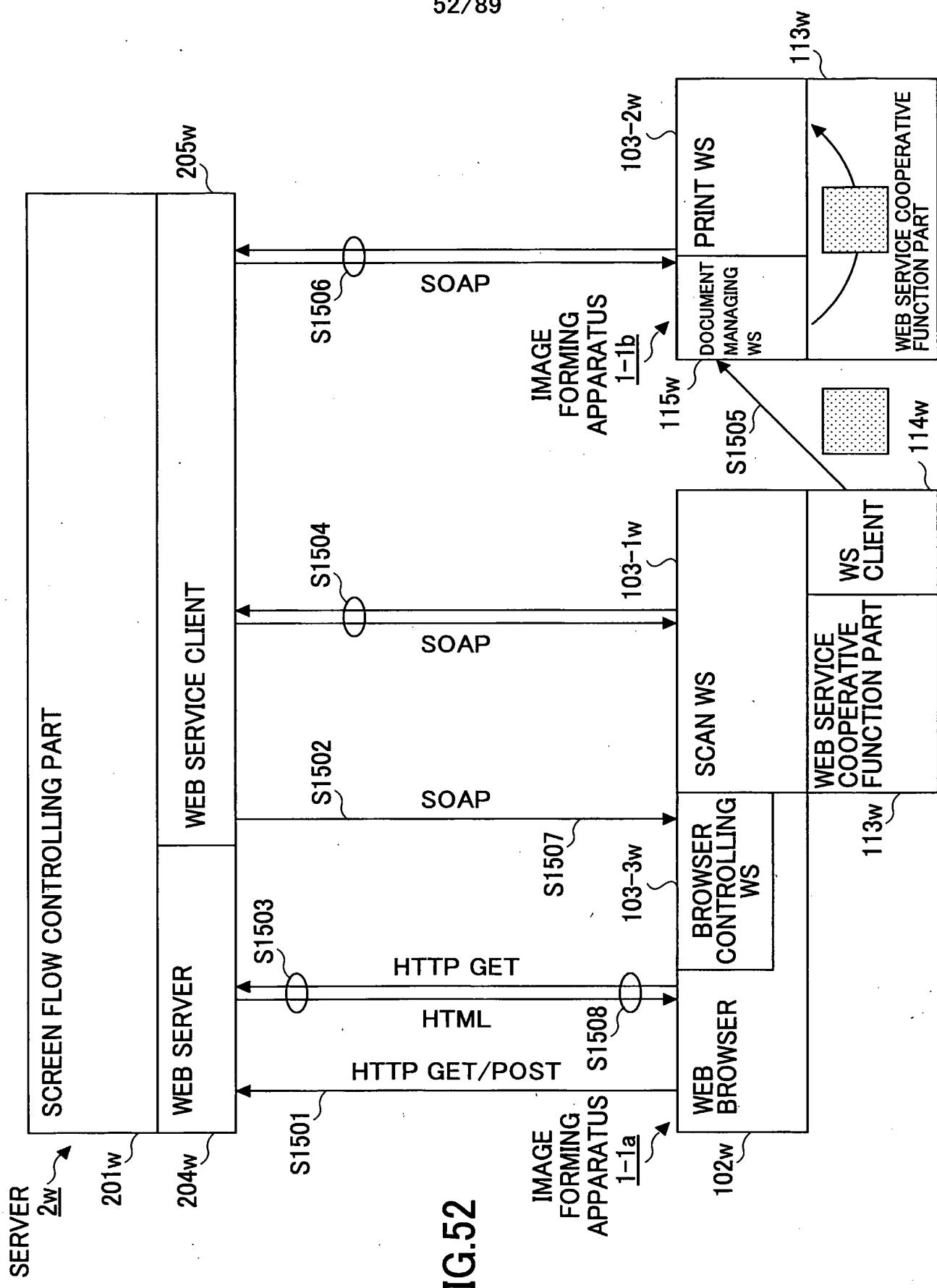
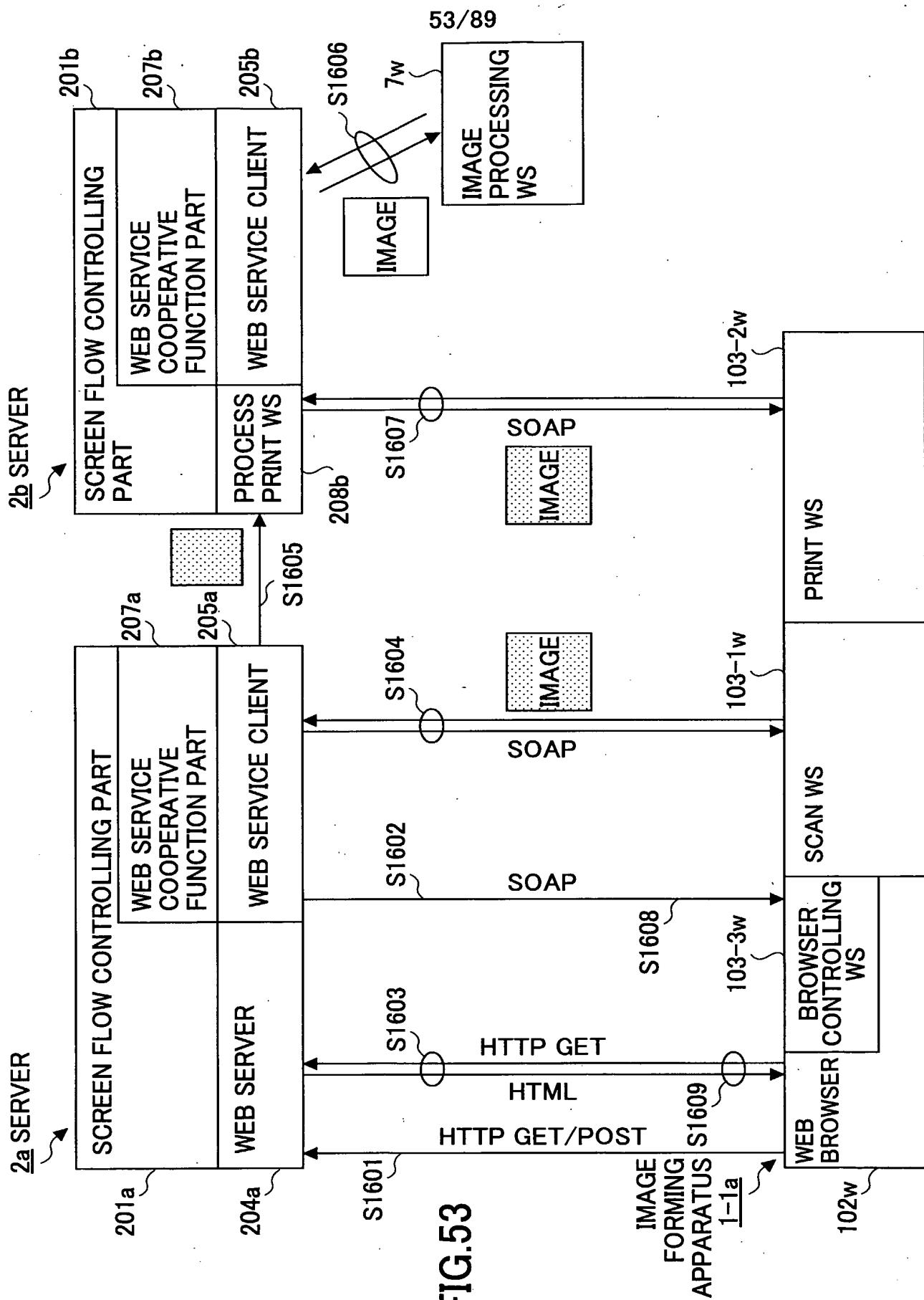


FIG.52



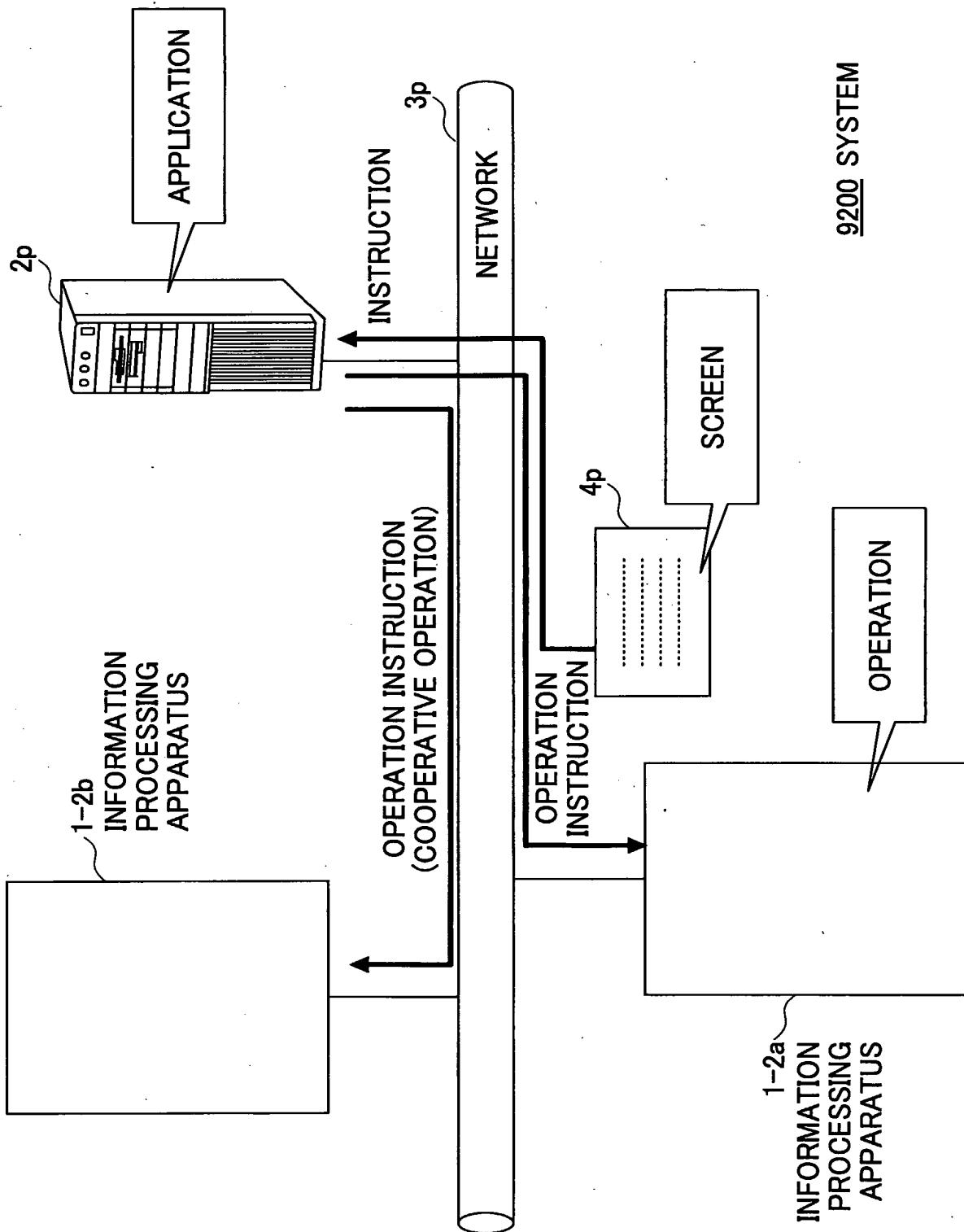
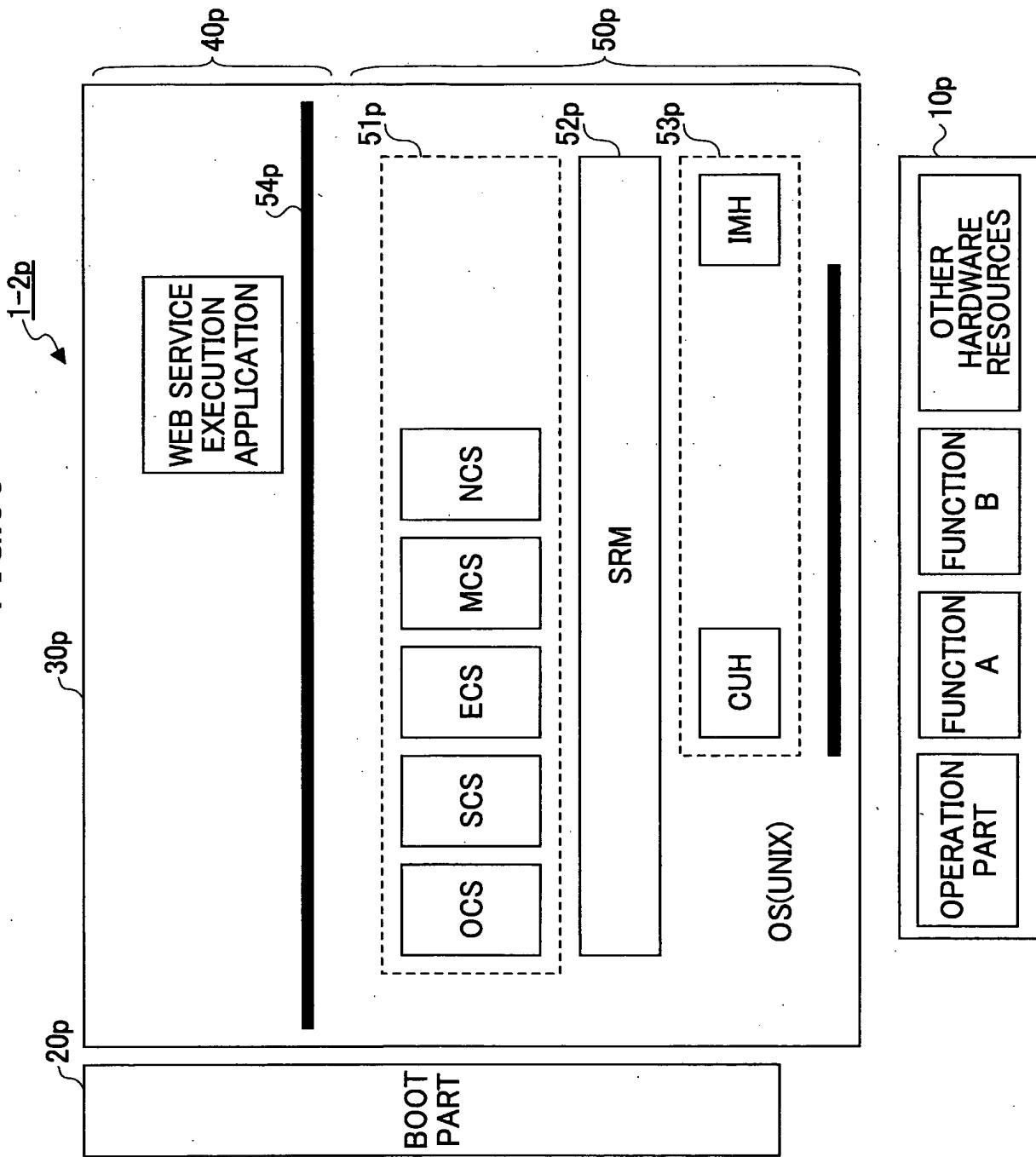


FIG.54

FIG.55



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FIG.56

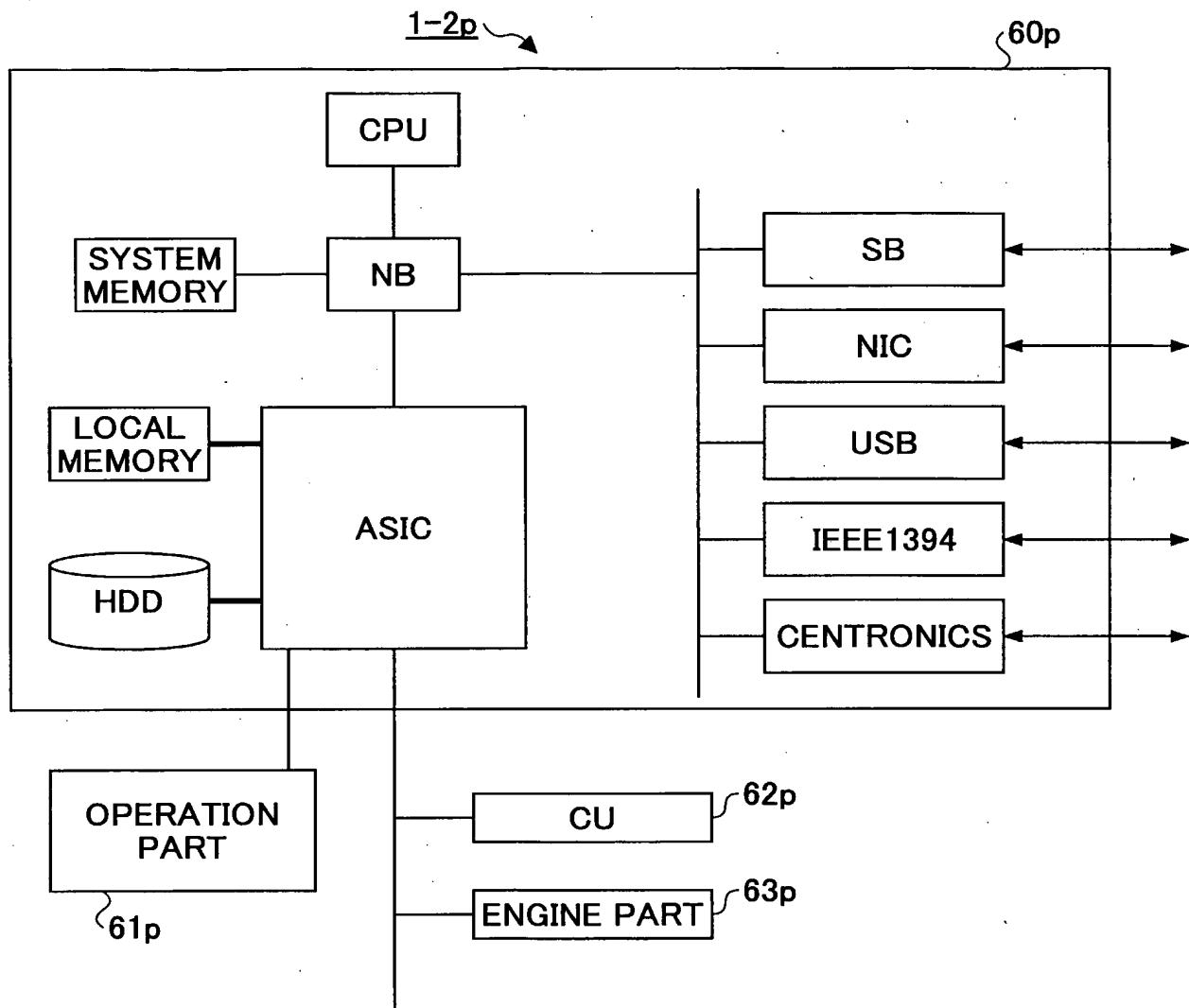


FIG.57

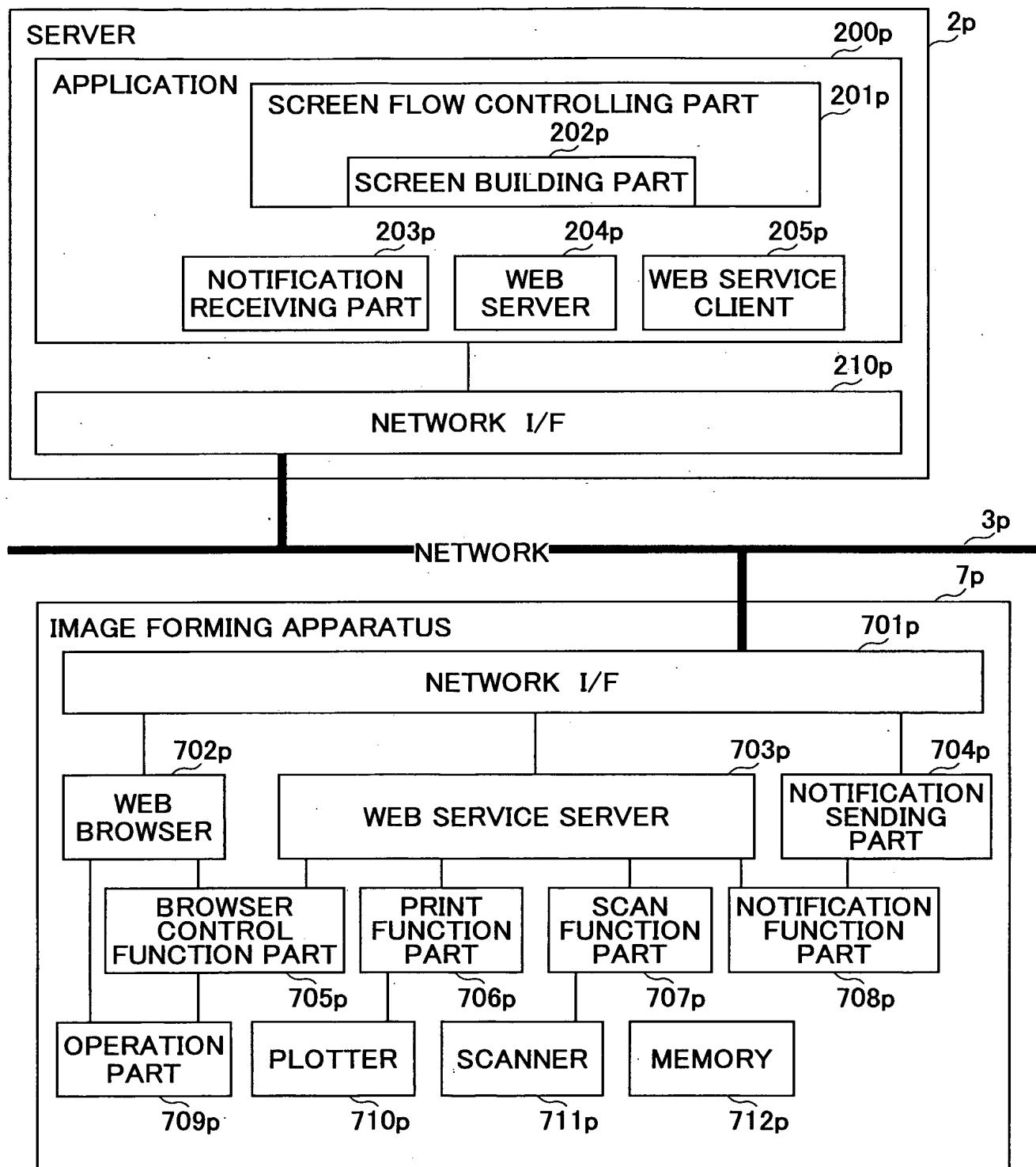
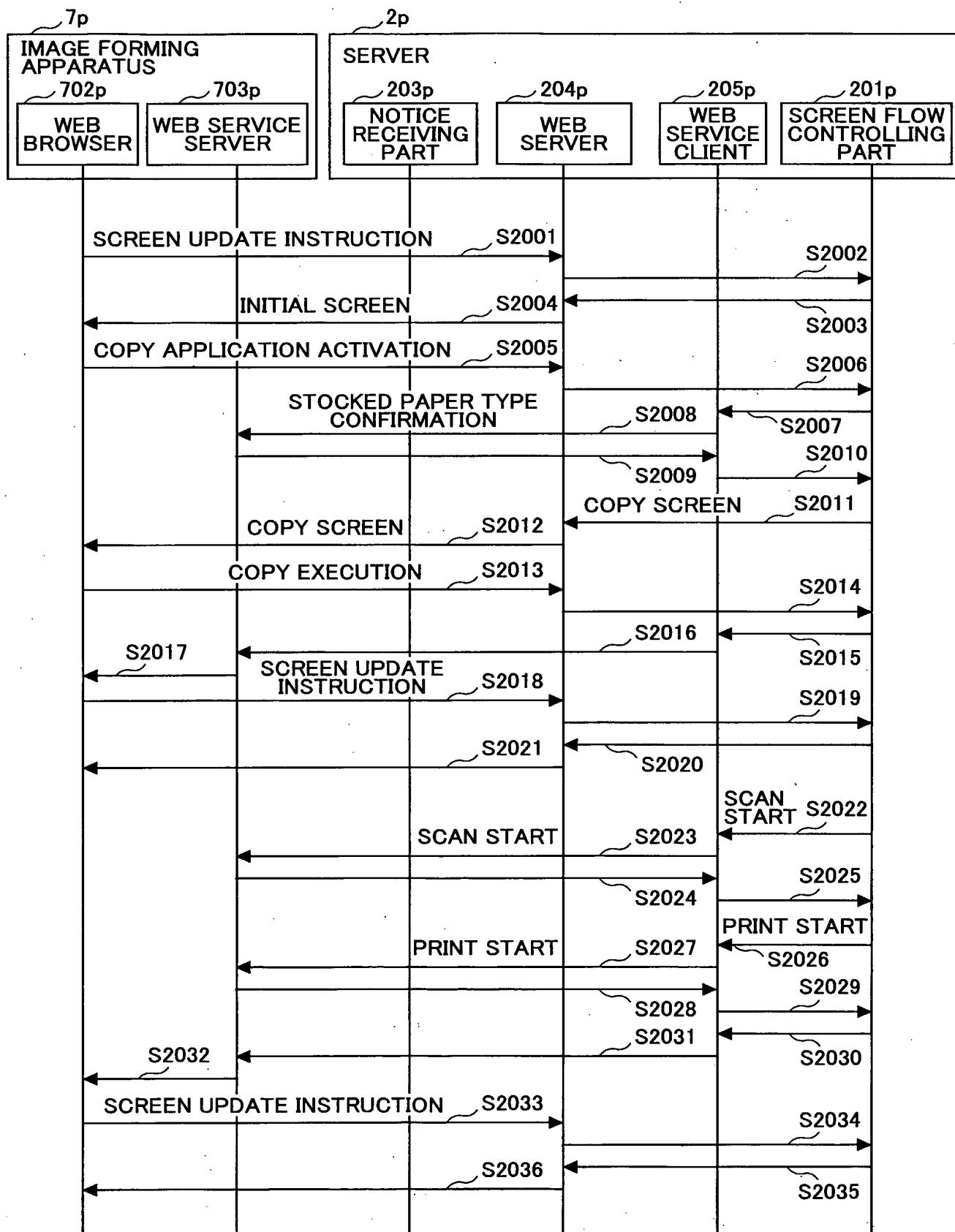


FIG.58



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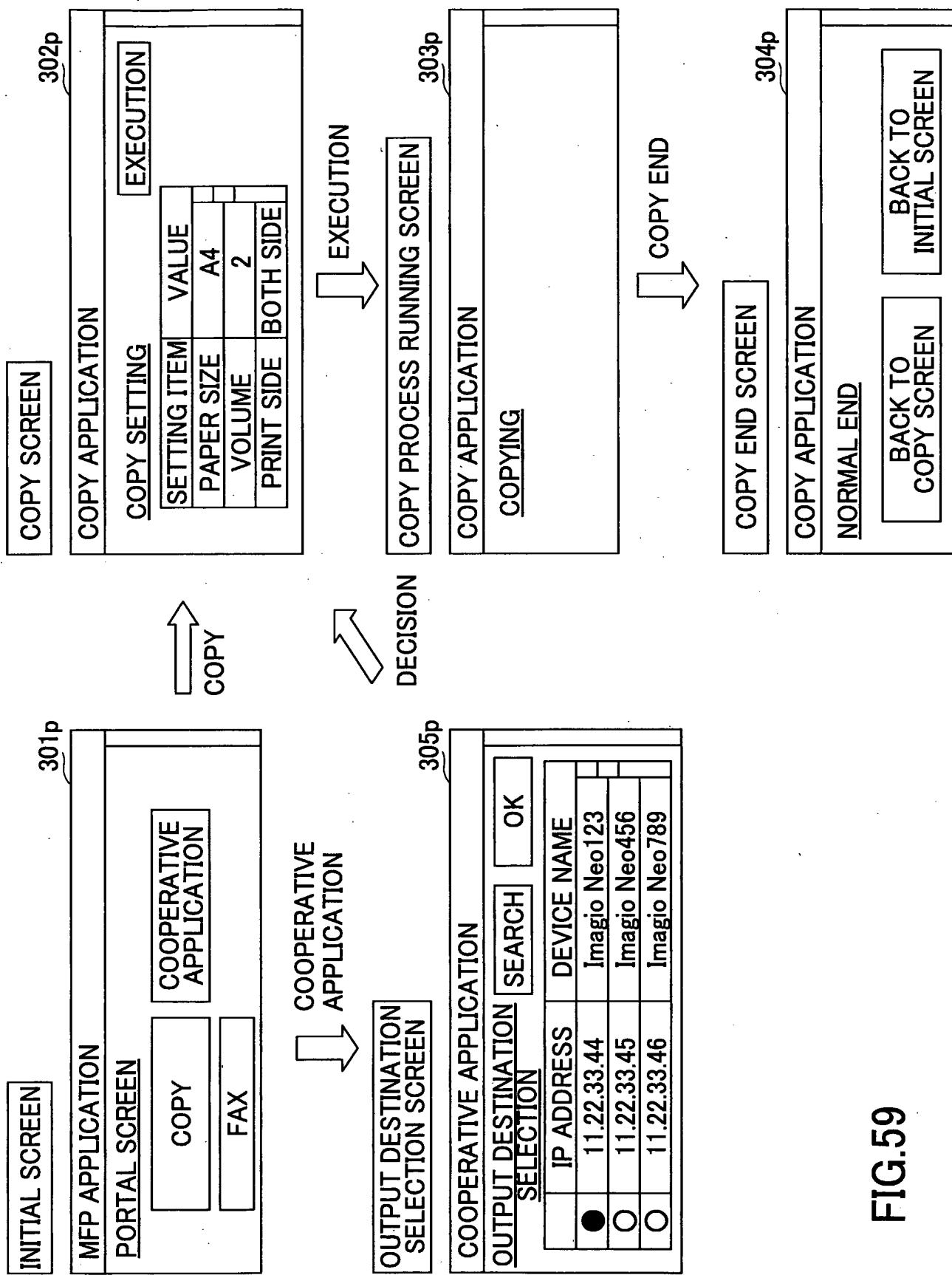


FIG.59

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## FIG.60

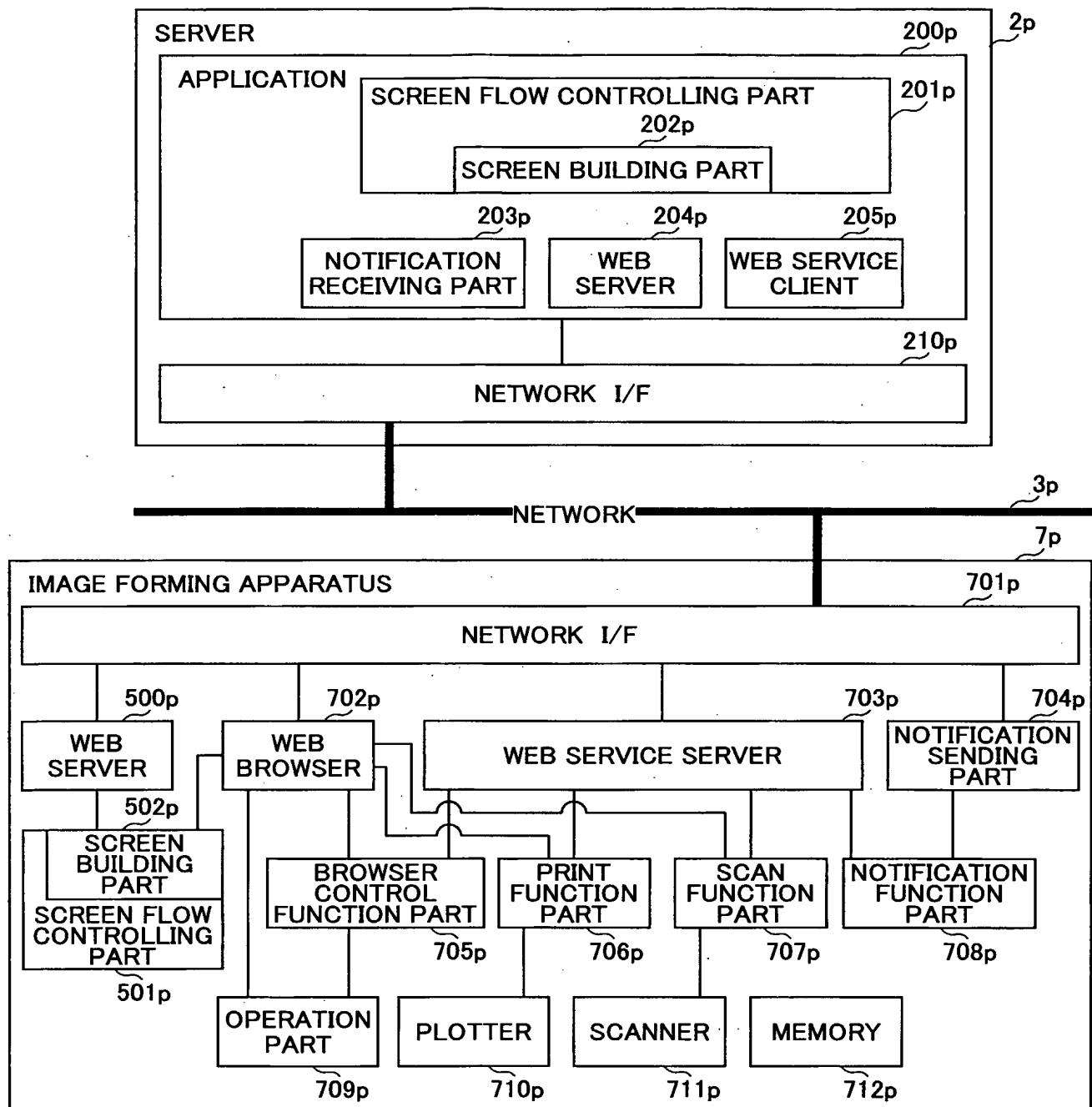
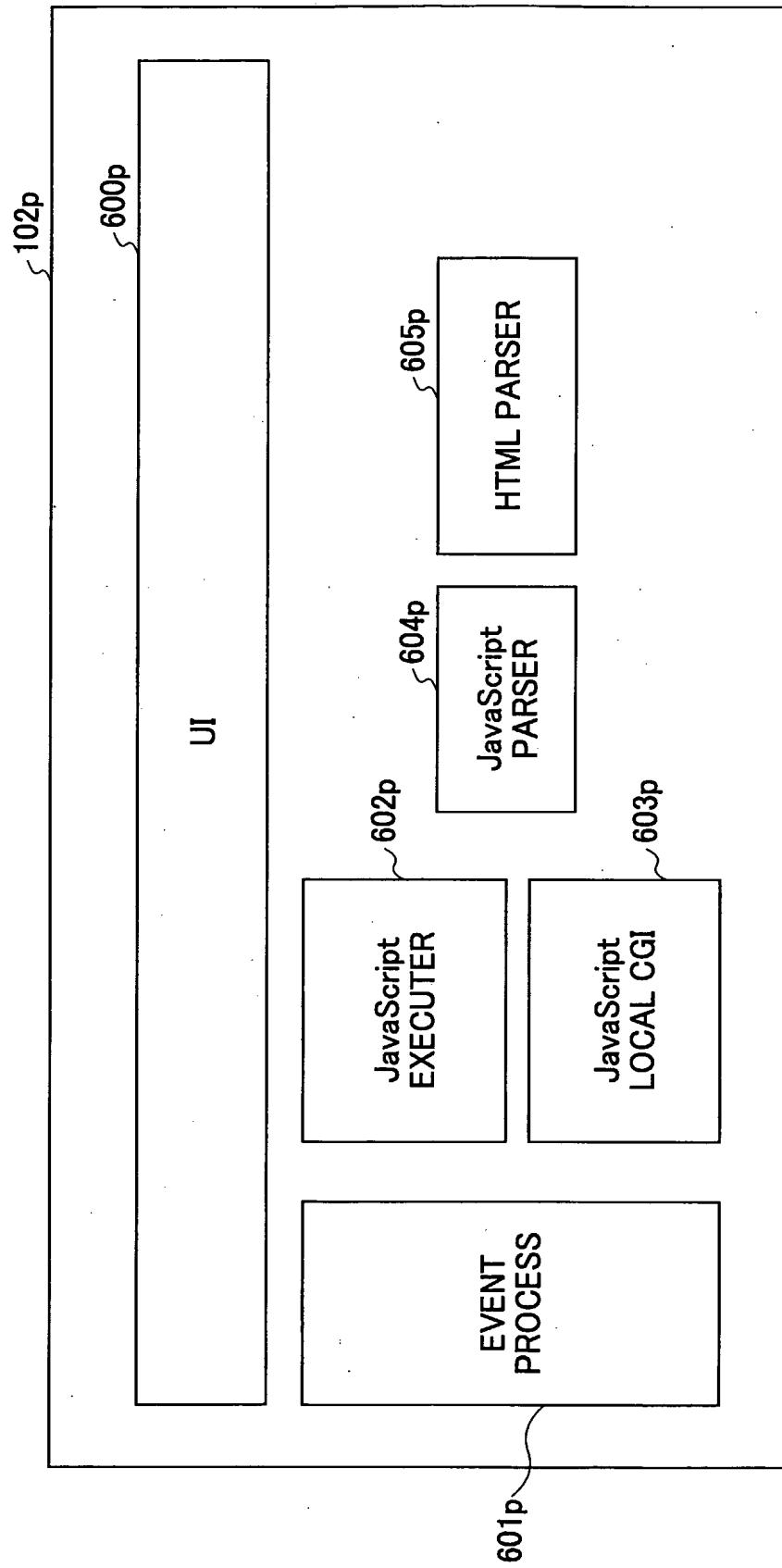
9203 SYSTEM

FIG.61



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FIG.62

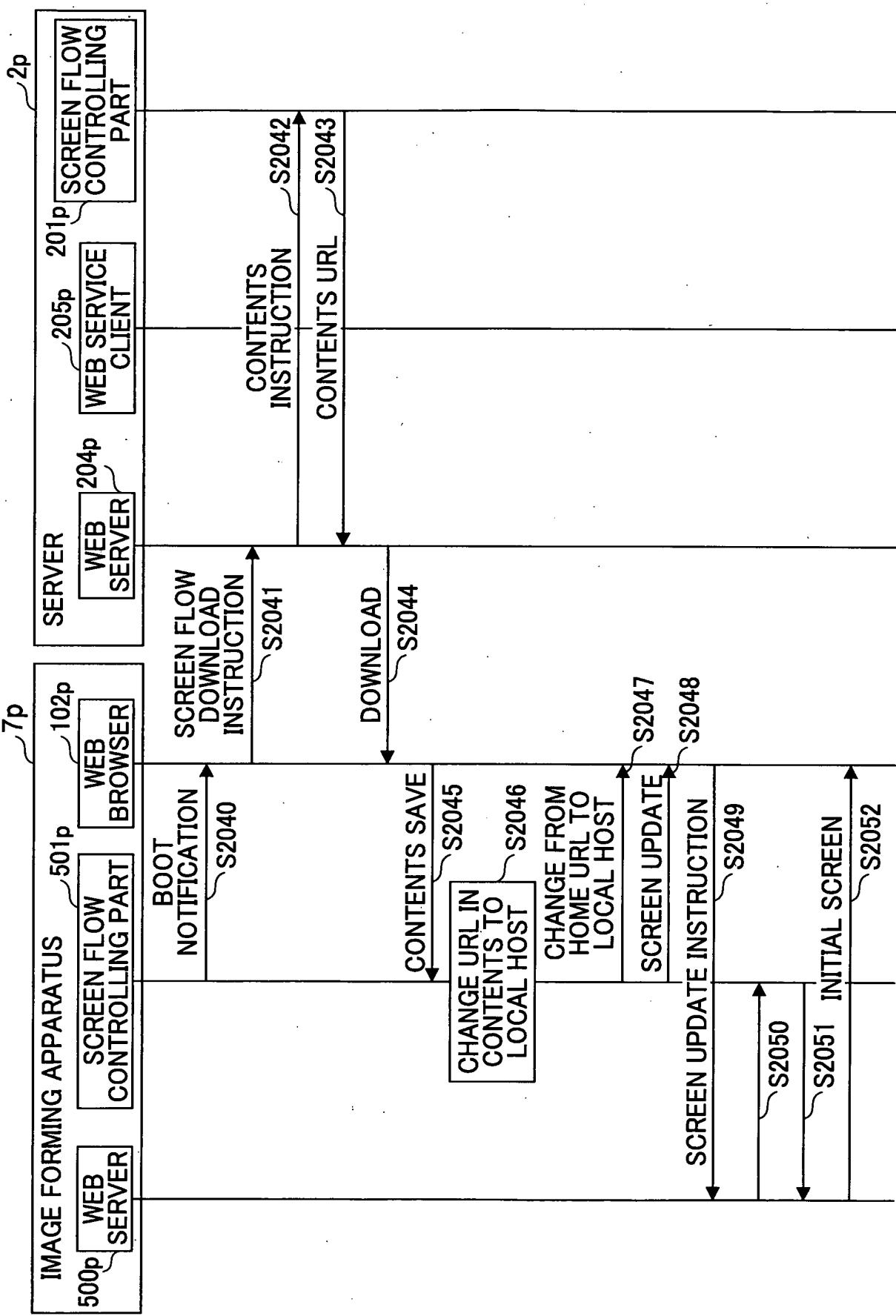
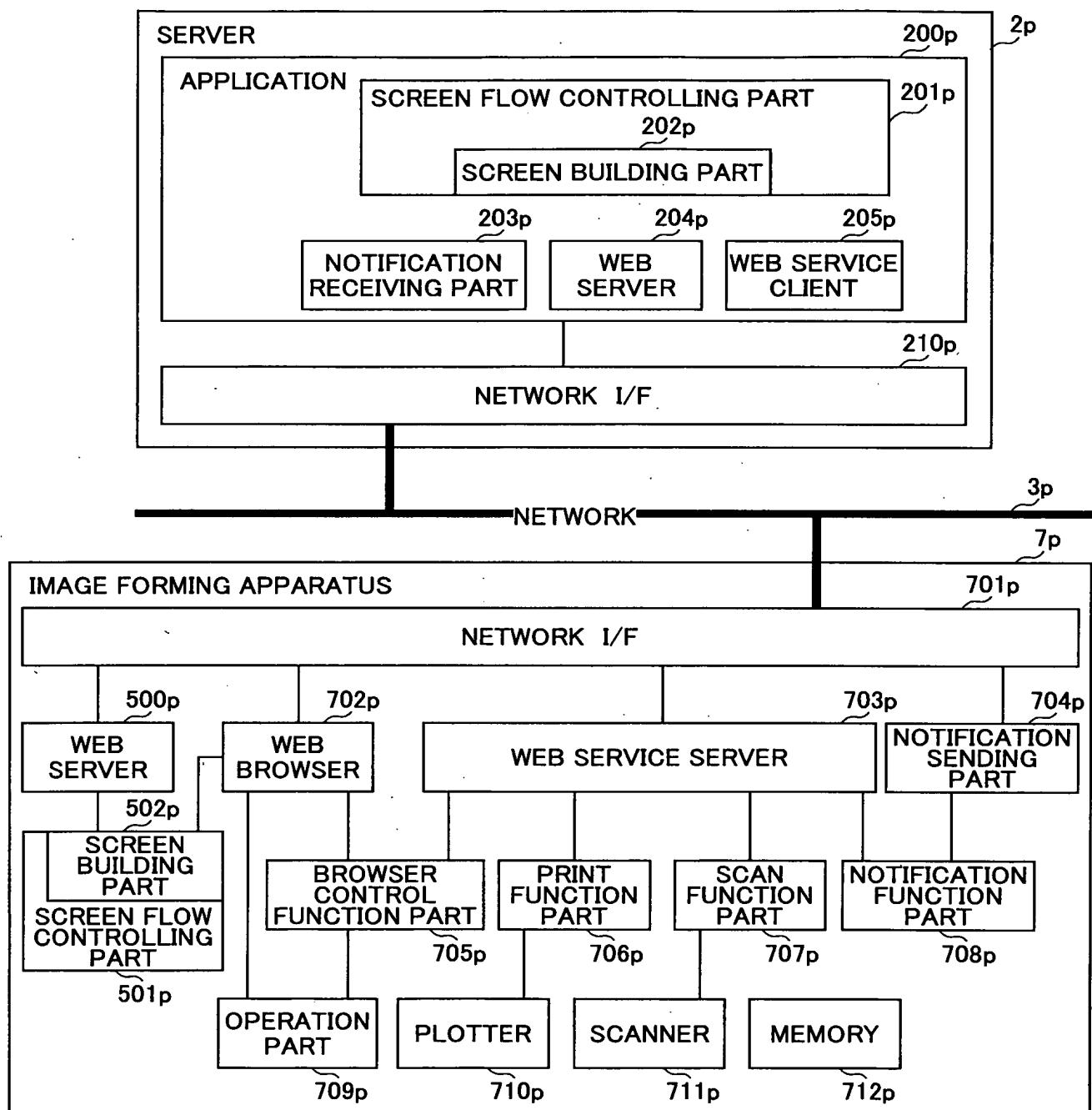


FIG.63



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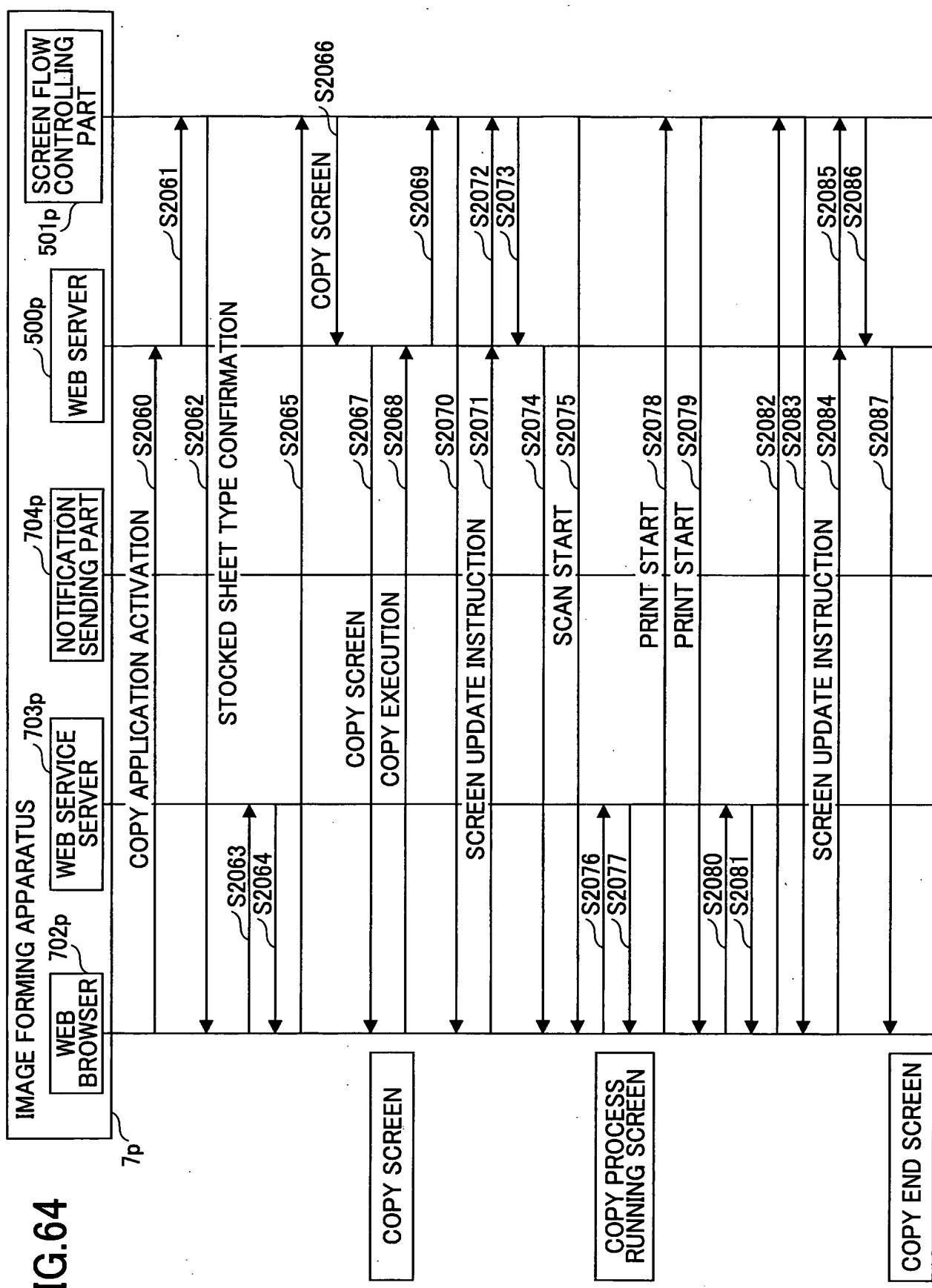
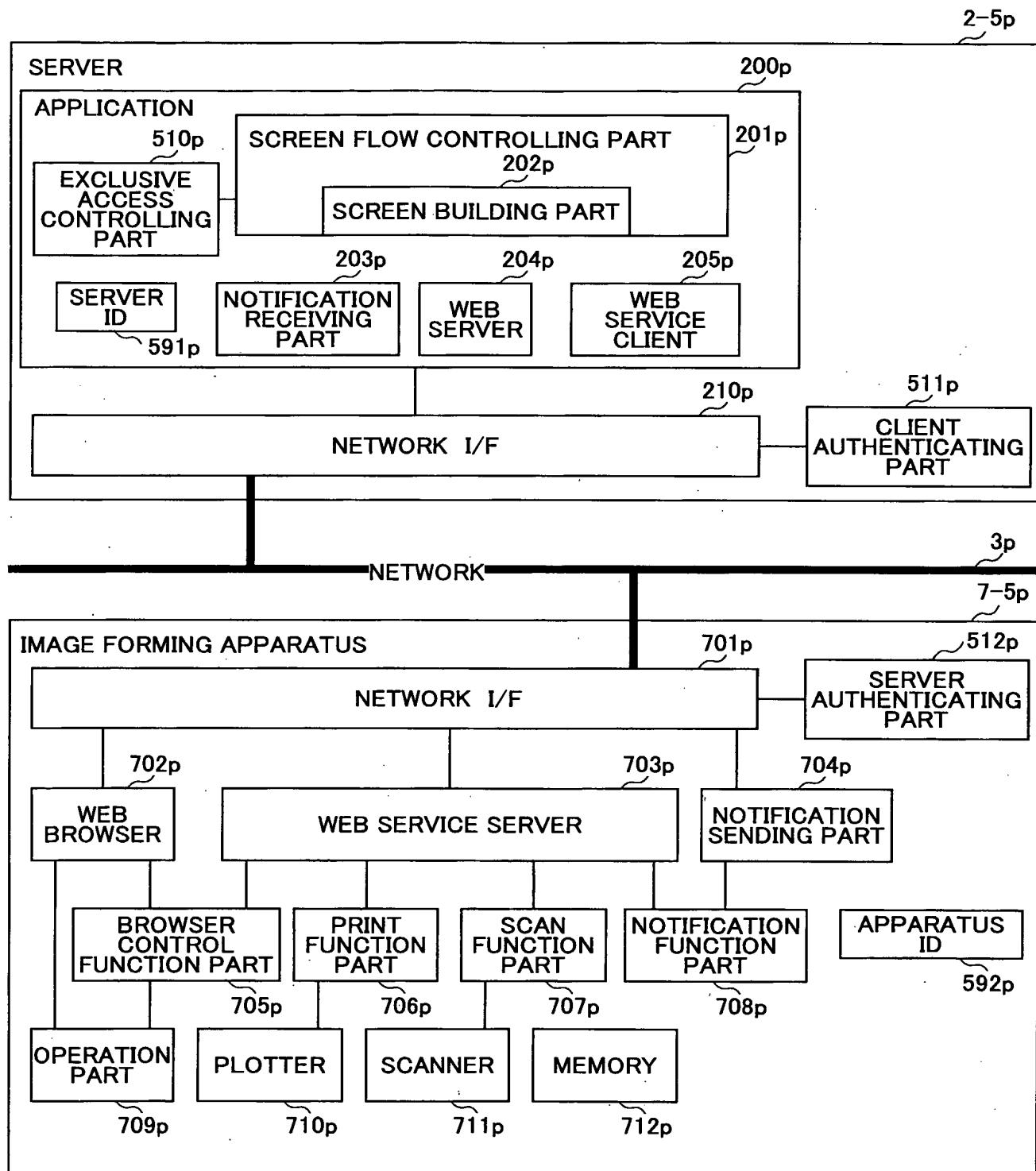


FIG.65



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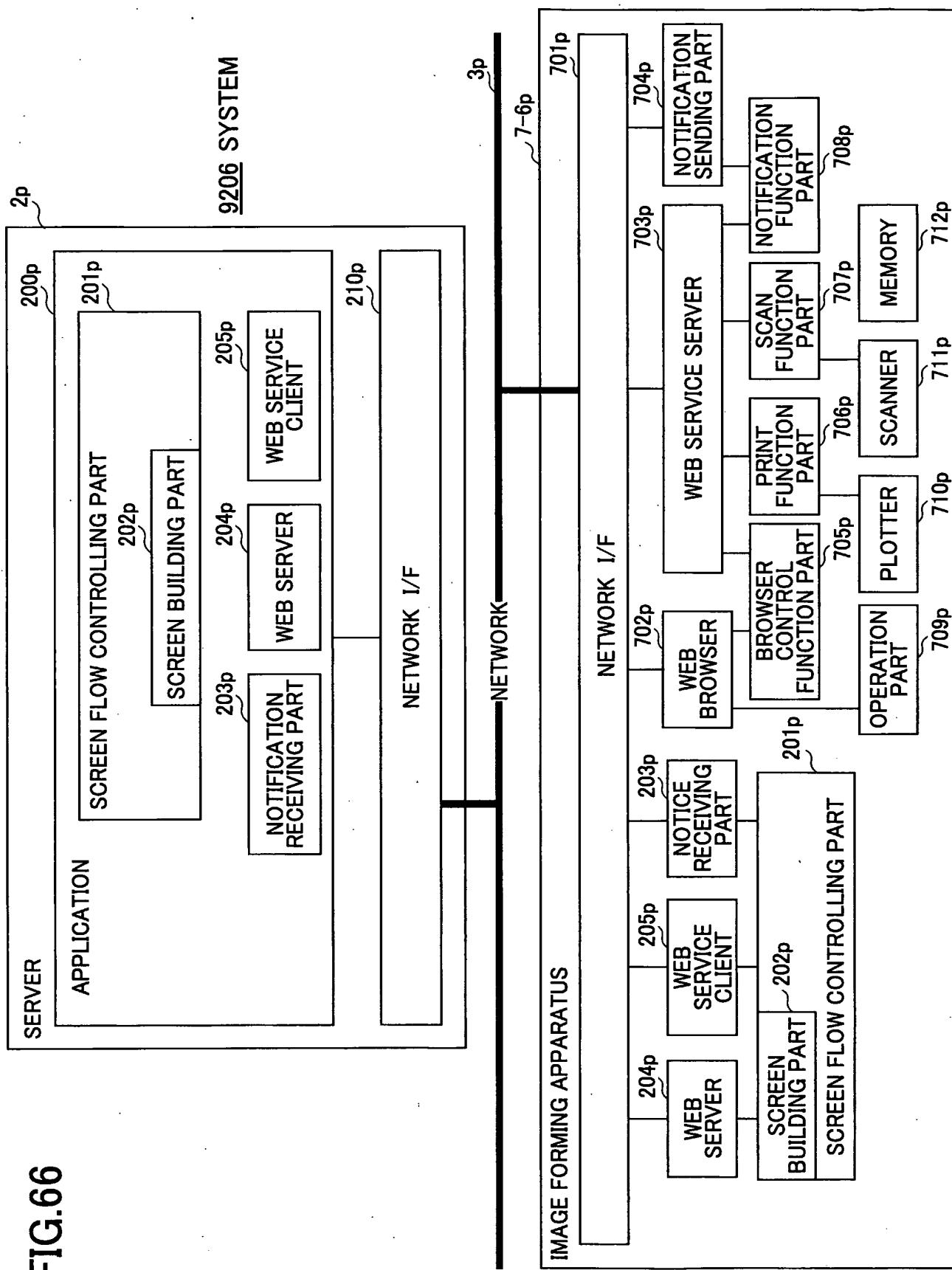
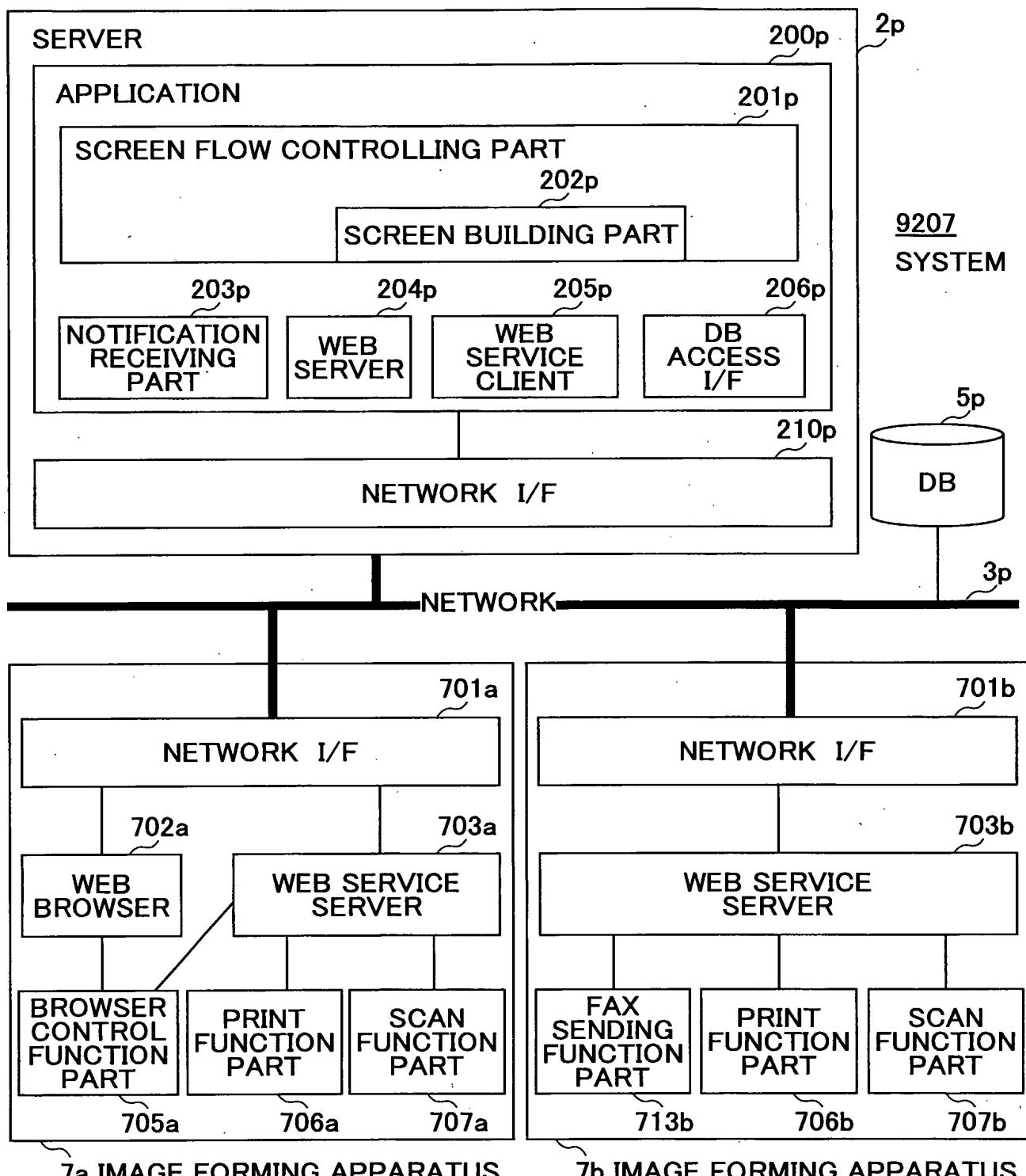


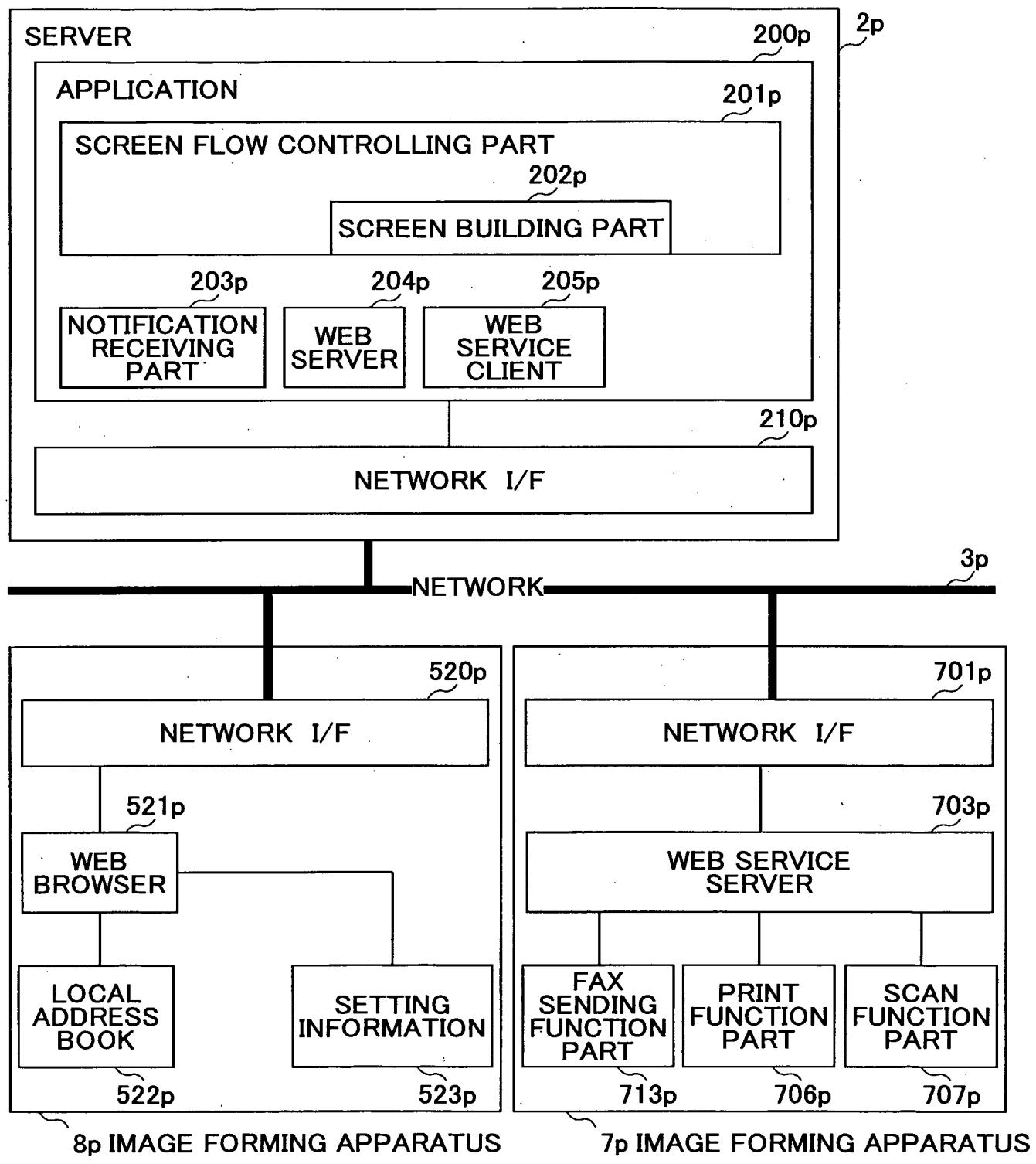
FIG.67



7a IMAGE FORMING APPARATUS

7b IMAGE FORMING APPARATUS

FIG.68



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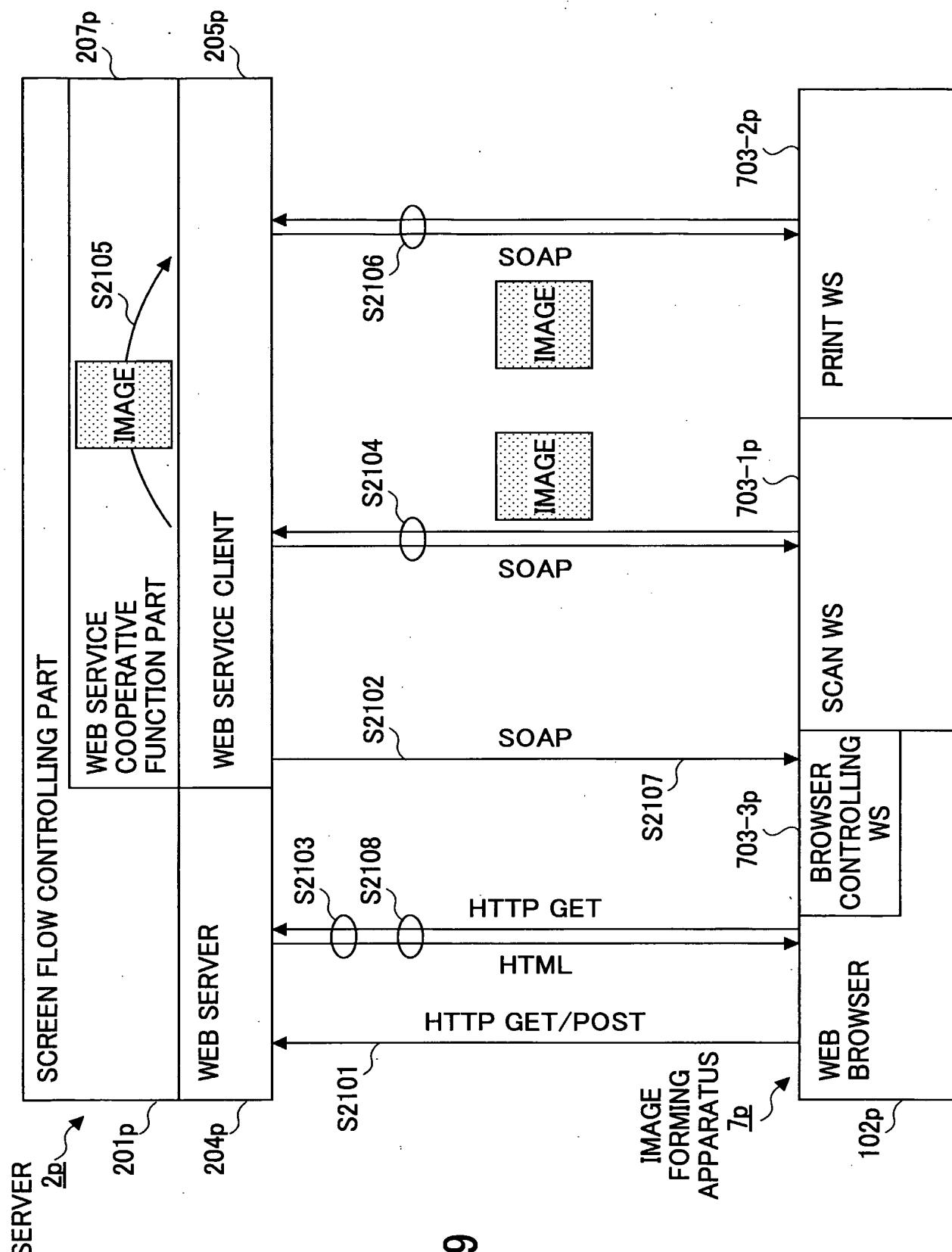


FIG.69

FIG.70

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <m:refresh xmlns:m="http://www.hoge.co.jp/xmlns/soap/browserManagement">
      <webPageUrl xsi:type="xsd:anyURI">http://foo/index.html</webPageUrl>
    </m:refresh>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.71

```
<?xml version="1.0" encoding="UTF-8"?>

<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">

  <SOAP-ENV:Body>
    <m:scanDocument xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <propertyInfo xmlns:ttt="http://www.hoge.co.jp/xmlns/soap/commonType" xmlns:soap-enc="http://property[1]">
        <item>
          <name xsi:type="xsd:string">format</name>
          <value xsi:type="xsd:string">tiff</value>
        </item>
      </propertyInfo>
    </m:scanDocument>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.72

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"/>
<SOAP-ENV:Body>
  <m:scanDocumentResponse xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
    <returnValue xsi:type="xsd:binaryAttachment">
      <theSignedForm href="content.tiff"/>
    </returnValue>
  </m:scanDocumentResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG. 73

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <m:printDocument
      xmlns:m="http://www.hoge.co.jp/xmlns/soap/print">
      <docData xsi:type="xsd:binaryAttachment"><theSignedForm href="content.tiff"/></docData>
      <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commonType" xmlns:soap-enc="itt:property[2]">
        <item><name xsi:type="xsd:string">number_of_copies</name><value xsi:type="xsd:string">3</value></item>
        <item><name xsi:type="xsd:string">size</name><value xsi:type="xsd:string">A4F</value></item>
      </propertyInfo>
    </m:printDocument>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.74

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd = "http://www.w3.org/2001/XMLSchema"
  xmlns:xsi = "http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Body>
    <ns1:printDocumentResponse
      SOAP-ENV:encodingStyle = "http://schemas.xmlsoap.org/soap/encoding/">
      xmlns:ns1 = "http://www.hoge.co.jp/xmlns/soap/print">
        <returnValue xsi:type = "xsd:string">0987654321</returnValue>
    </ns1:printDocumentResponse >
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>
```

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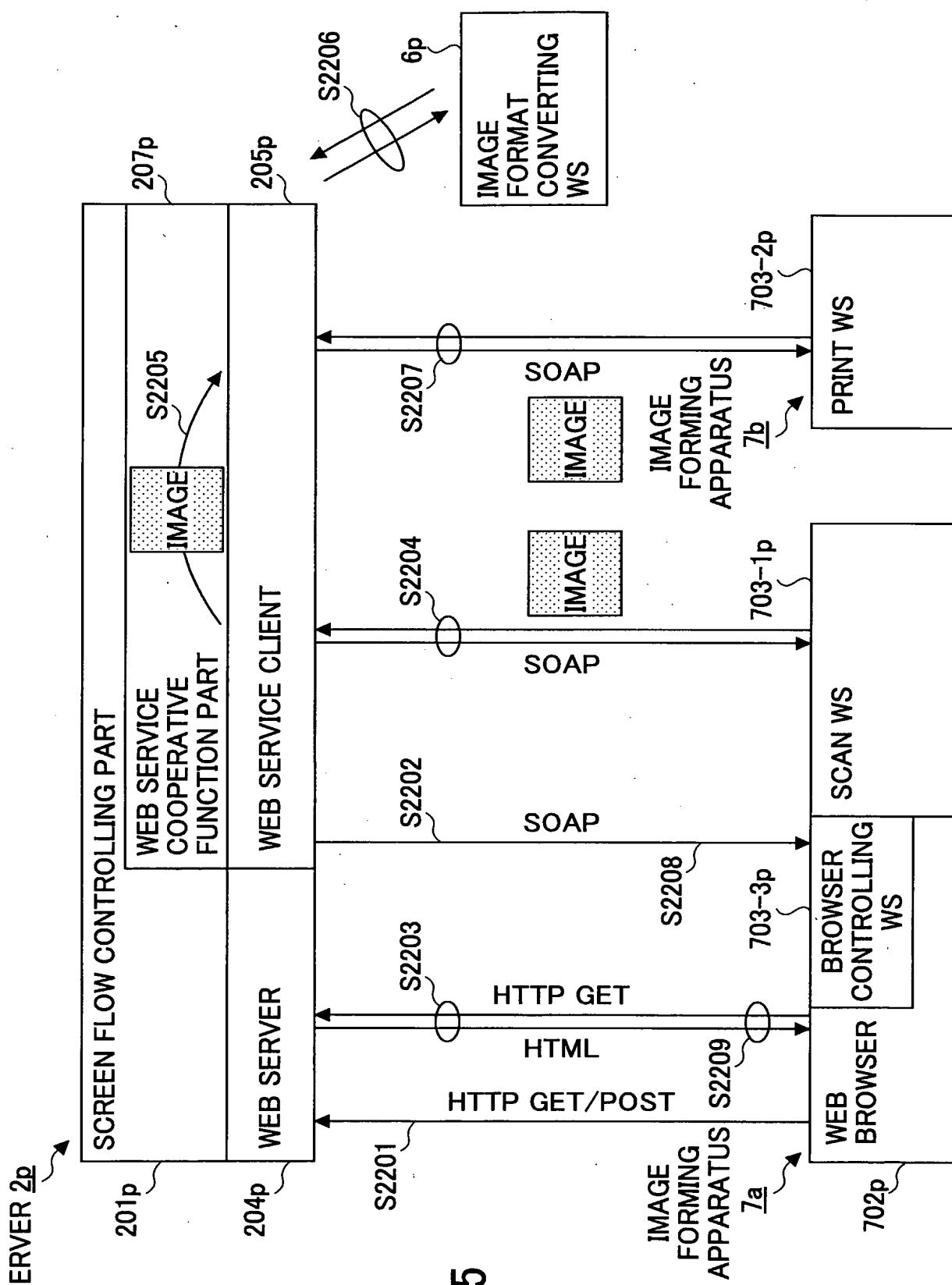
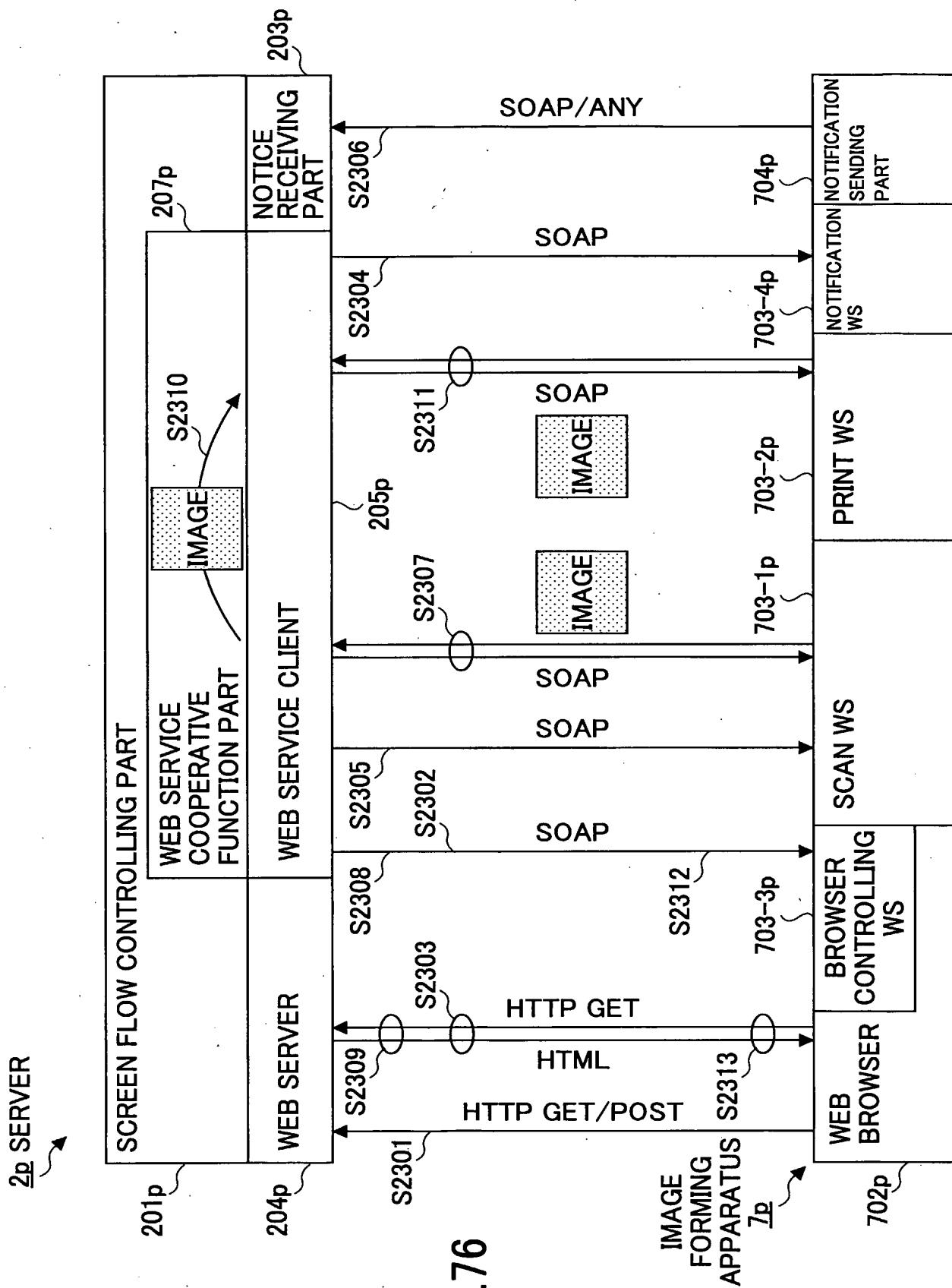


FIG.75

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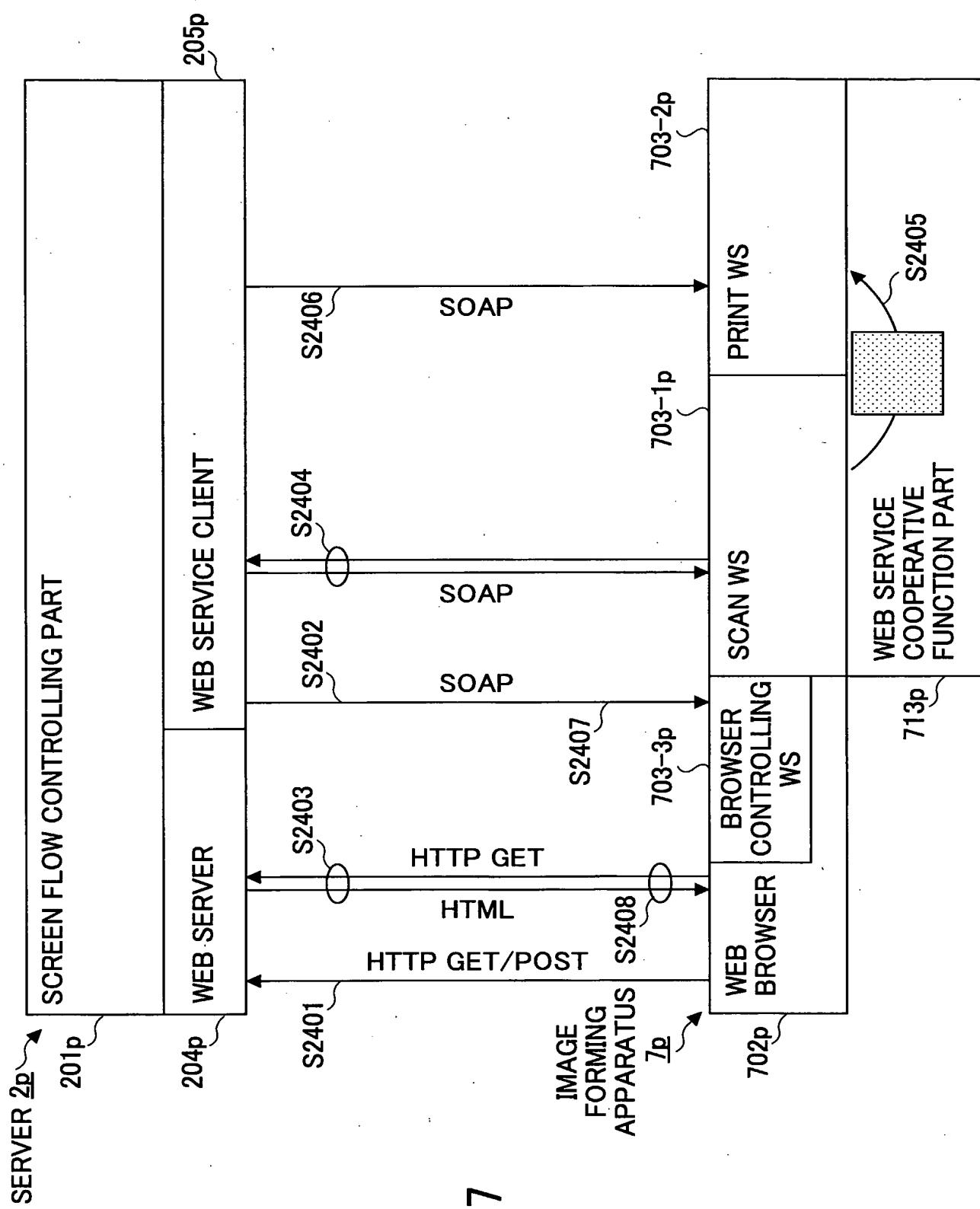


FIG.77

FIG. 78

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"/>
<SOAP-ENV:Body>
  <m:scanDocumentId xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
    <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commontype" xmlns:ns="http://www.hoge.co.jp/xmlns/soap/encoding/">
      <item>
        <name xsi:type="xsd:string">format</name>
        <value xsi:type="xsd:string">tiff</value>
      </item>
    </propertyInfo>
    <m:scanDocumentId>
      </m:scanDocumentId>
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>
```

FIG.79

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"/>
<SOAP-ENV:Body>
  <m:scanDocumentIdResponse xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
    <returnValue xmlns:type="xsd:string">
      1111
    </returnValue>
  </m:scanDocumentIdResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

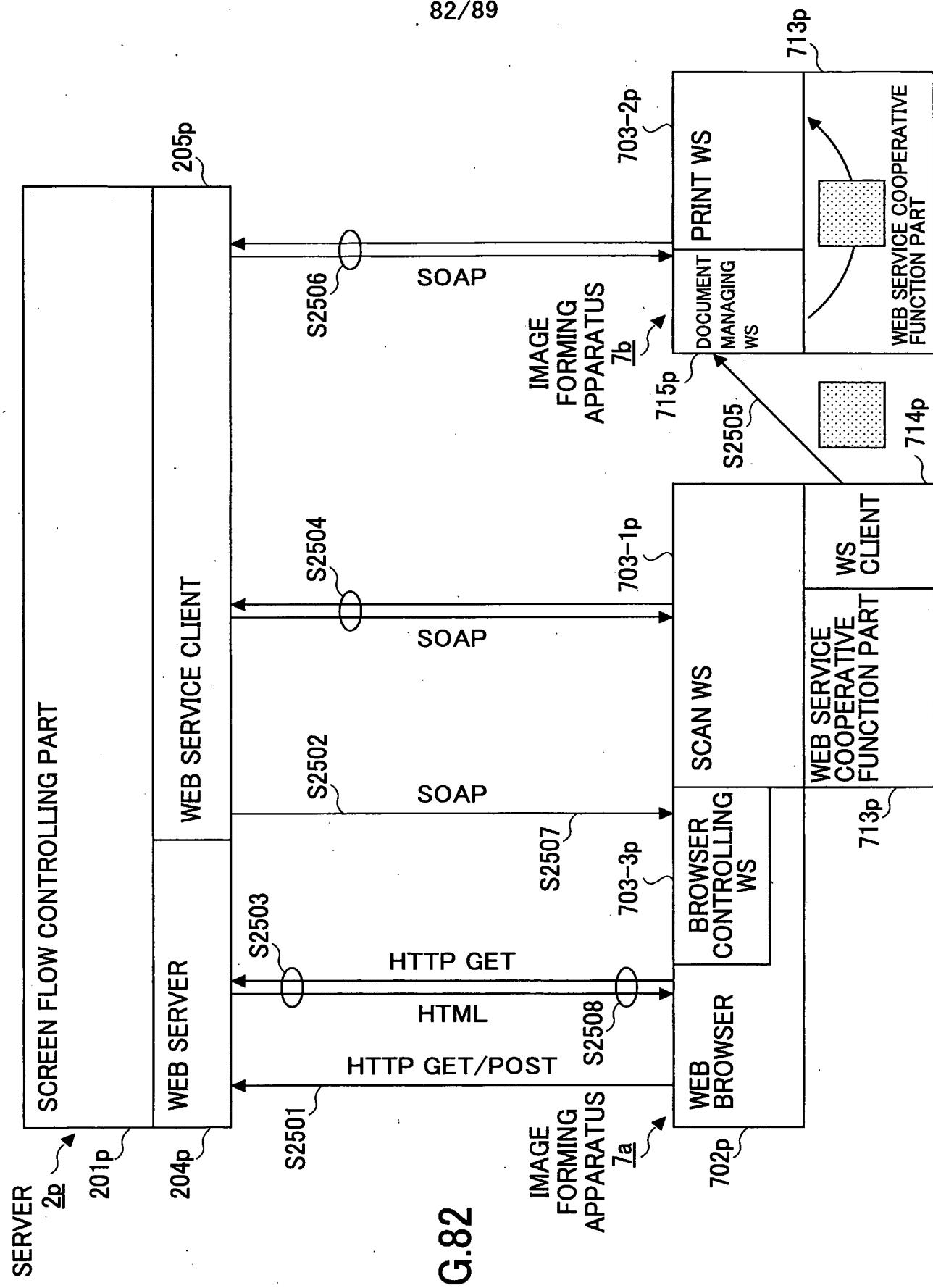
FIG.80

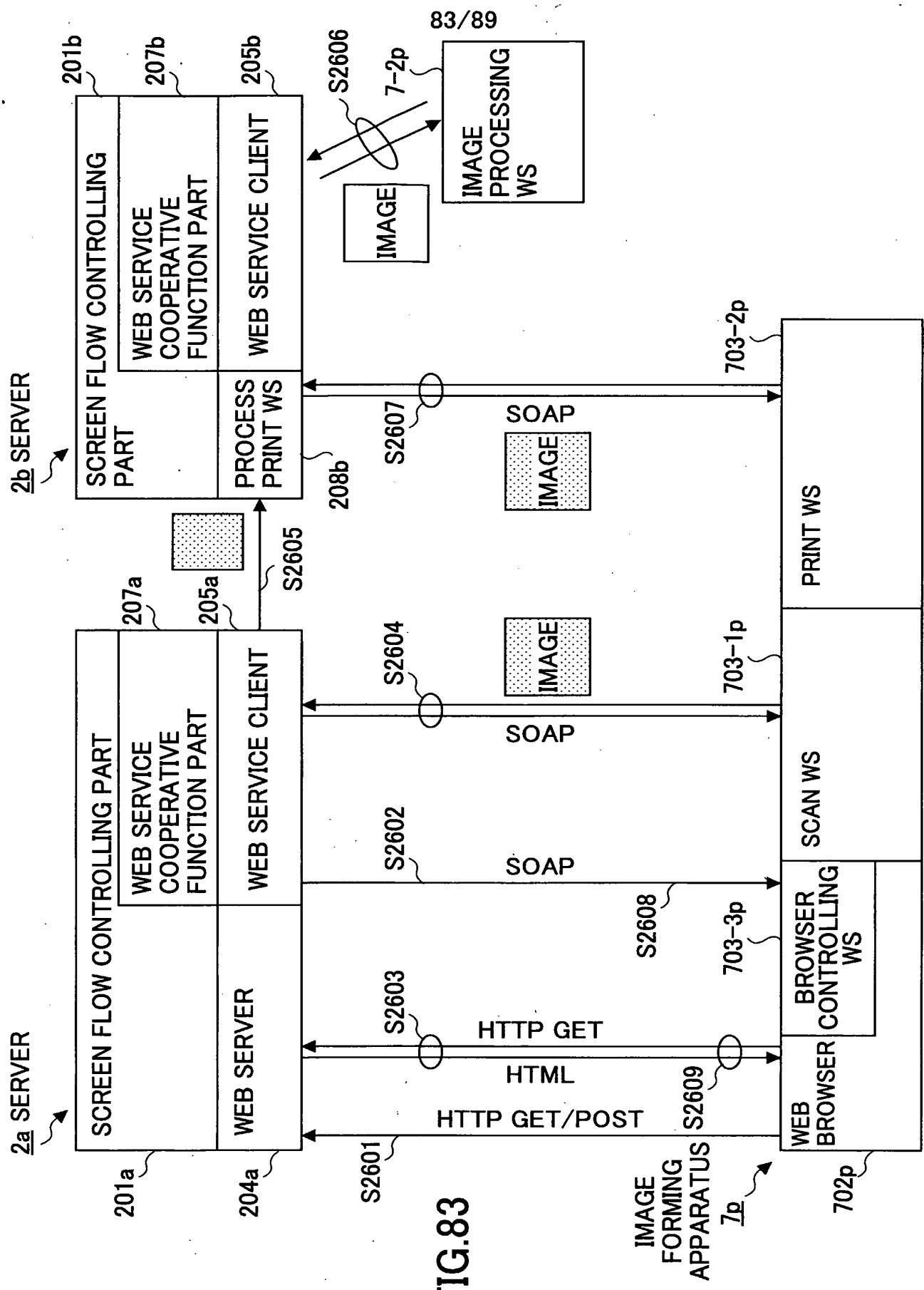
```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <m:printDocumentId
      xmlns:m="http://www.hoge.co.jp/xmlns/soap/print">
      <docId xmlns:type="xsd:string">1111</docId>
      <propertyInfo xmlns:it="http://www.hoge.co.jp/xmlns/soap/commonType" xmlns:soap-enc="it:property[2]">
        <item><name xsi:type="xsd:string">number_of_copies</name><value xsi:type="xsd:string">3</value></item>
        <item><name xsi:type="xsd:string">size</name><value xsi:type="xsd:string">A4F</value></item>
      </propertyInfo>
    </m:printDocumentId>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.81

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV = "http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd = "http://www.w3.org/2001/XMLSchema"
  xmlns:xsi = "http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Body>
    <ns1:printDocumentIdResponse
      SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      xmlns:ns1="http://www.hoge.co.jp/xmlns/soap/print">
        <returnValue xsi:type="xsd:string">0987654321</returnValue>
      </ns1:printDocumentIdResponse>
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>
```

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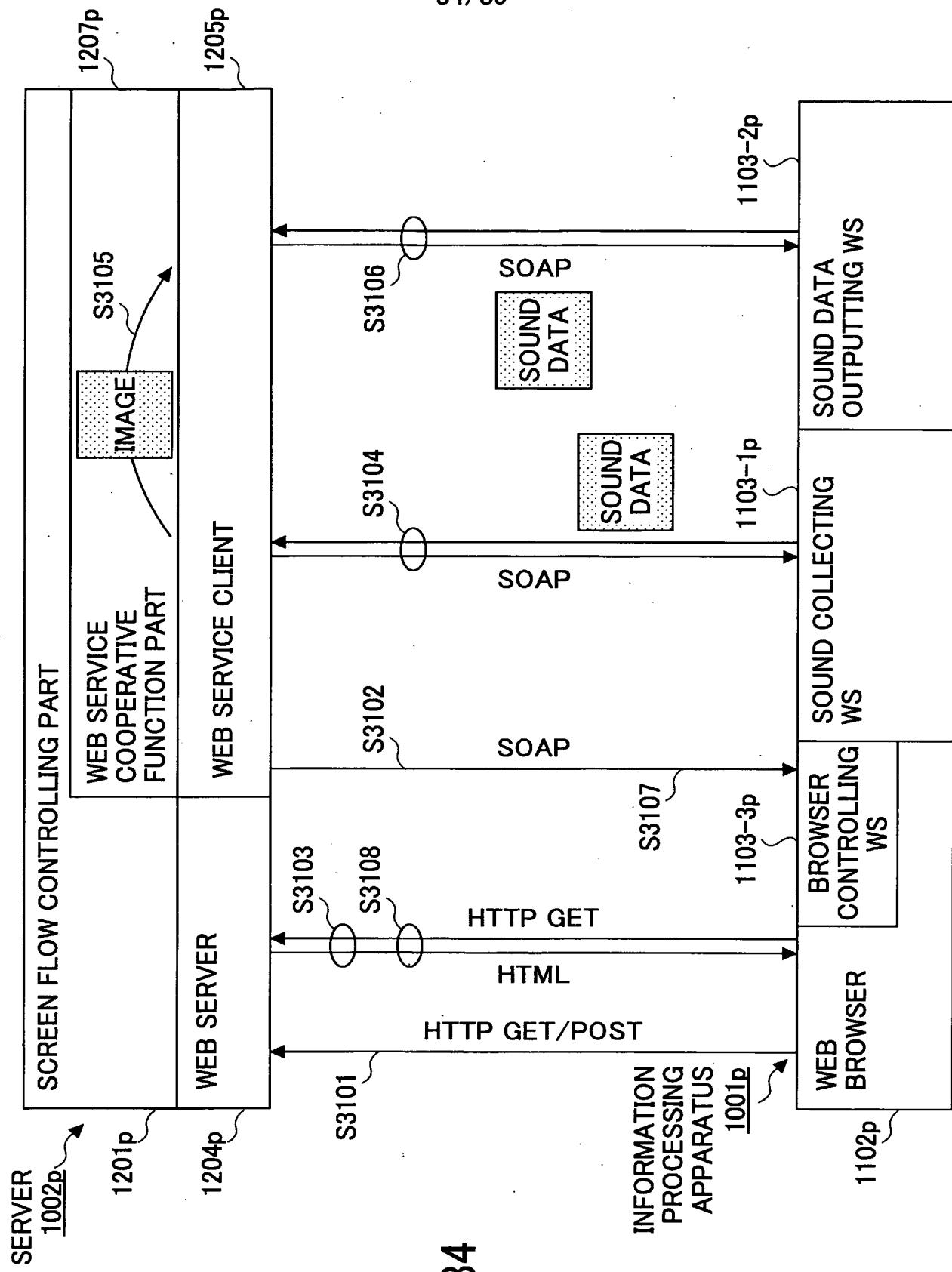


FIG. 84

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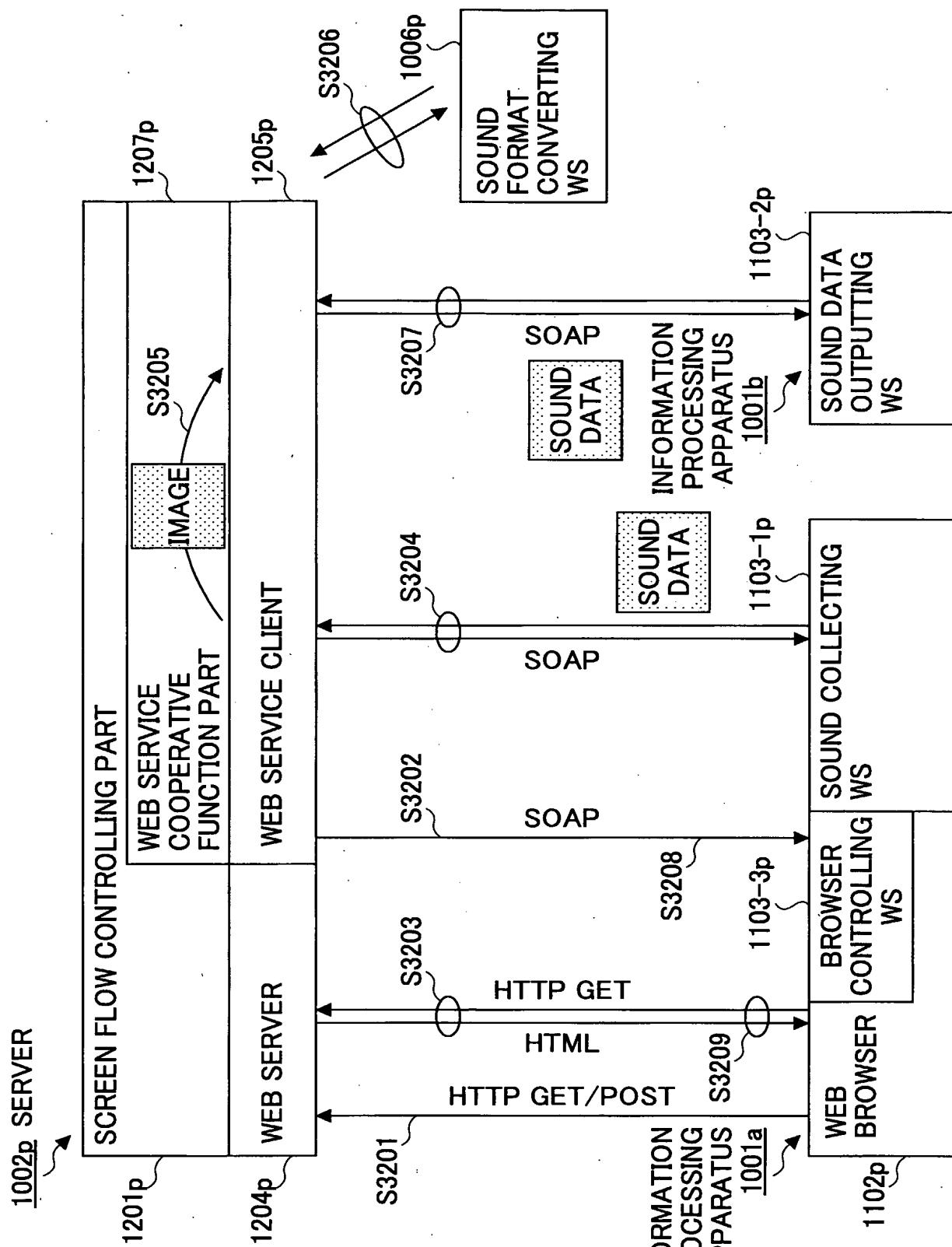


FIG. 85

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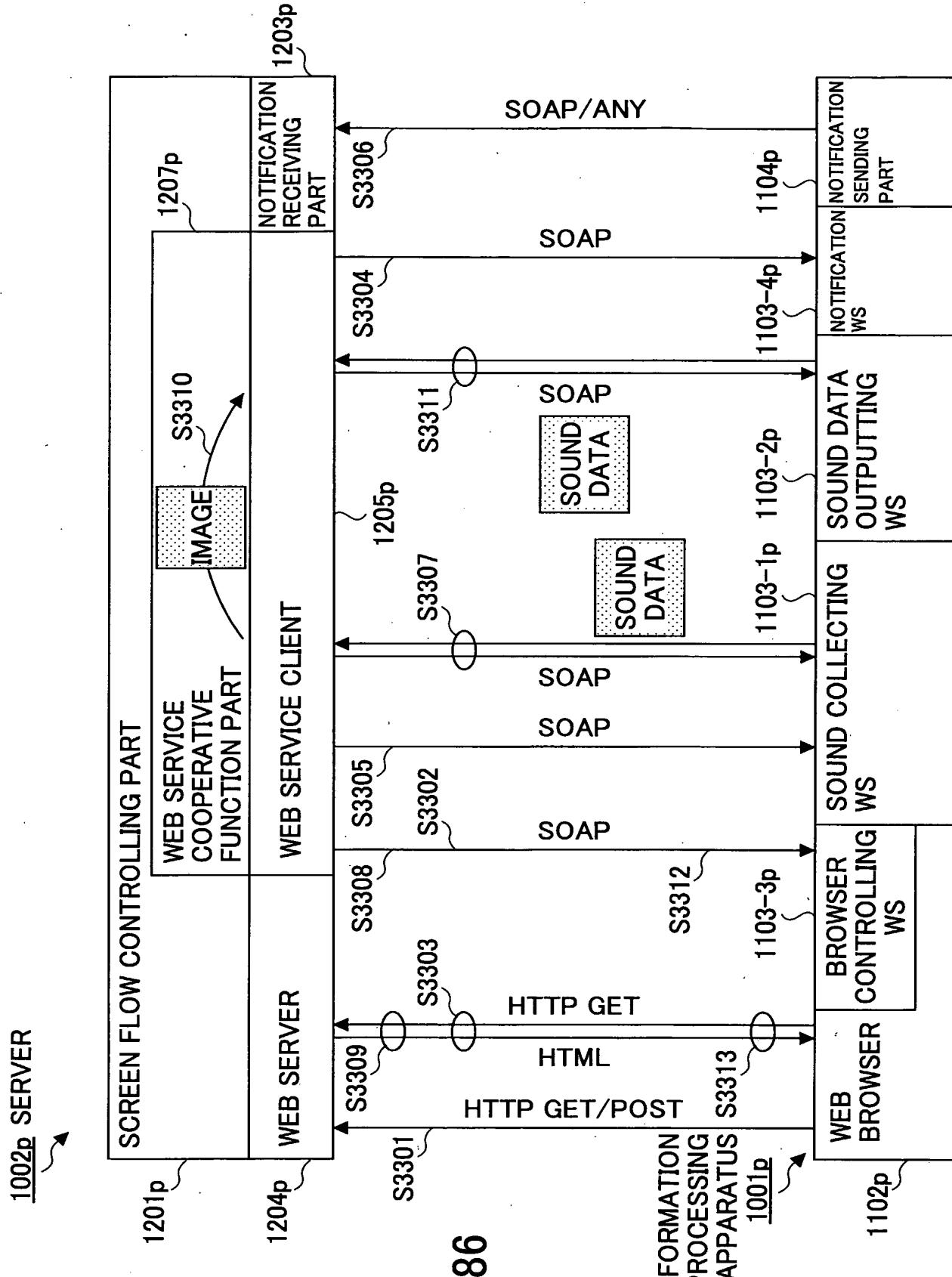


FIG.86

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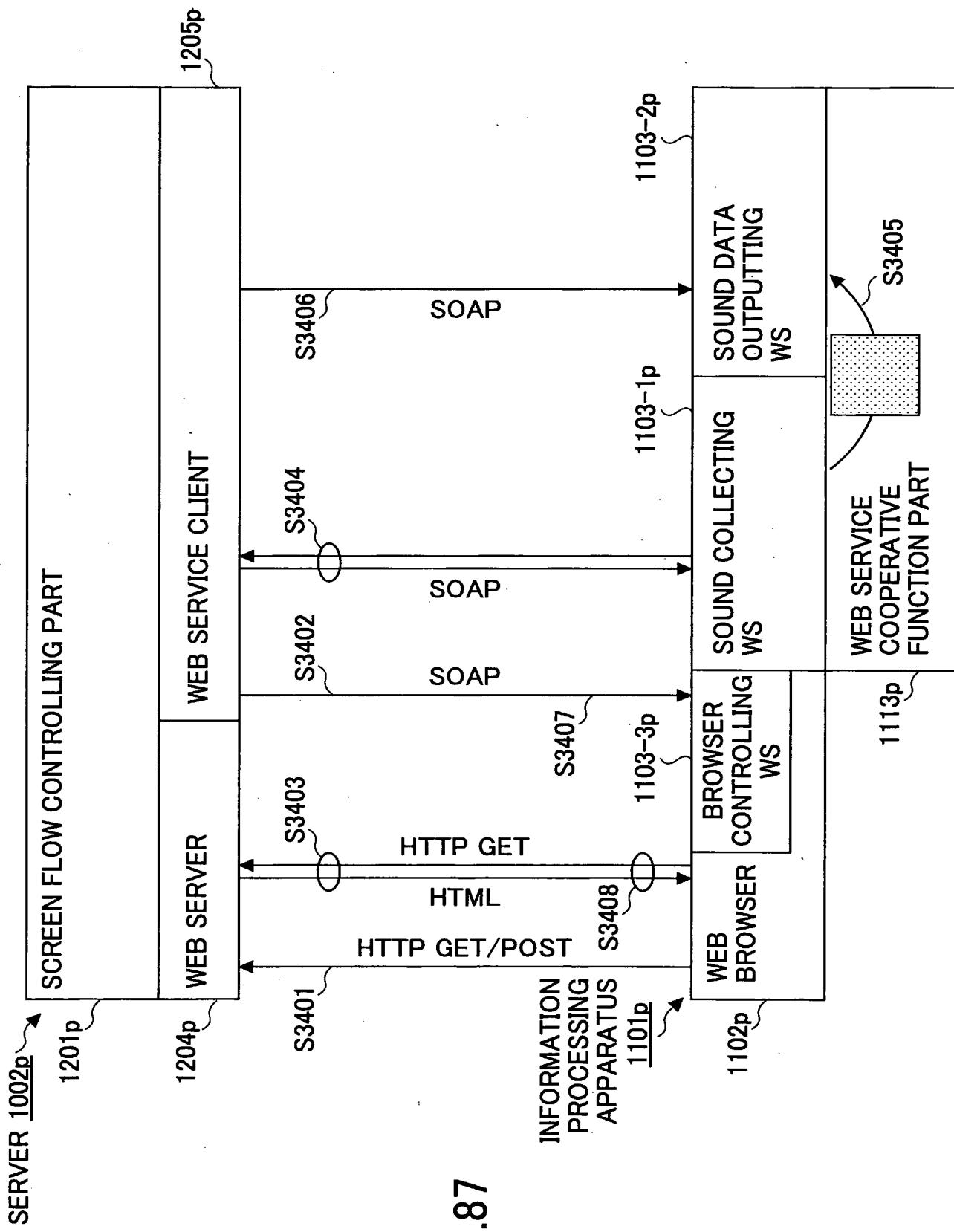
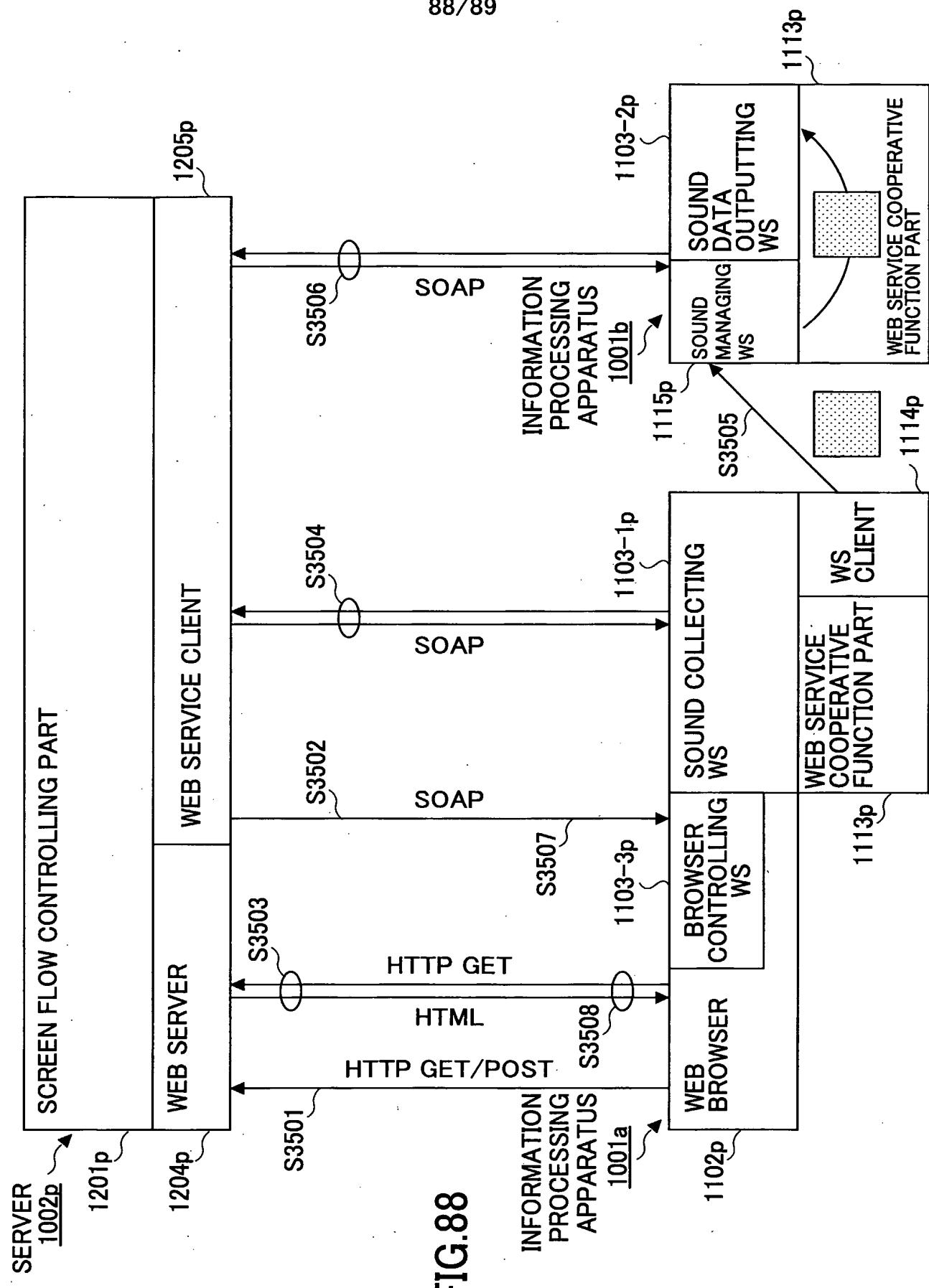


FIG.87

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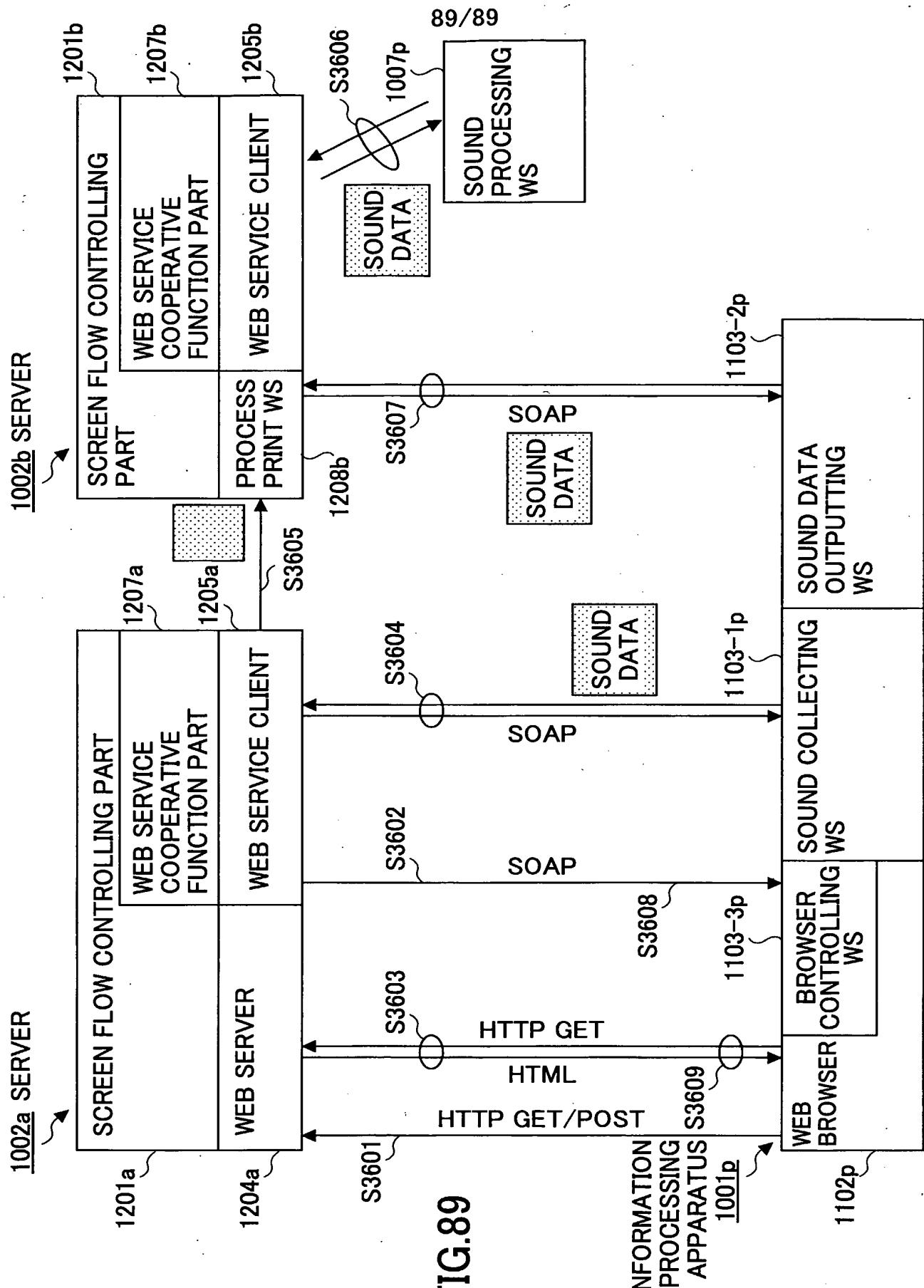


FIG. 89